

Datasheet: 5204-2504 **BATCH NUMBER 163418**

Description:	GOAT ANTI RAT IgG (H/L):HRP
Specificity:	IgG (H/L)
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	2 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen				1/500 - 1/1500
ELISA				1/50000 - 1/100000
Western Blotting				1/2000 - 1/10000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Rat	
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - Iyo	philized
Reconstitution	Reconstitute with 1.0 ml distilled water Care should be taken during reconstitution as the protein may a bottom of the vial. Bio-Rad recommend that the vial is gently m	• •
Preparation	Purified IgG prepared by affinity chromatography	
Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	0.01% Gentamicin Sulphate1% Bovine Serum Albumin	
Immunogen	Rat IgG, whole molecule.	

Links UniProt: P01836 Related reagents P20766 Related reagents P20760 Related reagents P20761 Related reagents P20761 Related reagents P20761 Related reagents P20762 Related reagents P20763 Related reagents P20766 Related reagents P20766 Related reagents P20762 Related reagents P20762 Related reagents P20762 Related reagents P20763 Related reagents P20764 Ighg Related reagents P20765 Related reagents P20765 Related reagents P20766 Related reagents P20766 Related reagents P20766 Related reagents P20765 Related reagents P20766 Related reagents P20767 Related reagents P20762 R	External Database				
P20766 Related reagents P20760 Related reagents P20759 Related reagents P20761 Related reagents P20761 Related reagents P20762 Related reagents P20763 Related reagents P20764 Related reagents P20765 Related reagents P20765 Related reagents P20765 Related reagents P20766 Related reagents P20767	Links	UniProt:			
P20760 Related reagents P20759 Related reagents P20761 Related reagents P20761 Related reagents P101835 Related reagents P20767 Related reagents P20767 Related reagents P20762 Related reagents P20762 Related reagents P20763 Related reagents P20764 Related reagents P20765 Related reagents P20765 Related reagents P20765 Related reagents P20766 LOC500180 Related reagents P20765 Related reagents P20766 Related reagents P20766 Related reagents P20767 Related reag					
P20759 Related reagents P20761 Related reagents P1835 Related reagents P20767 Related reagents P20767 Related reagents P20762 Related reagents P20762 Related reagents P20762 Related reagents P20762 Related reagents P20763 Related reagents P20764 Related reagents P20765 Related reagents P20765 Related reagents P20765 Related reagents P20765 LOC500180 Related reagents P20765 LOC679045 Related reagents P20767 Rela		P20766	Related rea	<u>gents</u>	
P20761 Related reagents P01835 Related reagents P20767 Related reagents P20762 Related reagents Entrez Gene: 363828 RGD1564318 Related reagents 299354 Ighg Related reagents 500180 LOC500180 Related reagents 679045 LOC679045 Related reagents 679045 LOC679045 Related reagents 362795 LOC362795 Related reagents RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstituti		P20760	Related reag	<u>gents</u>	
P01835 Related reagents P20767 Related reagents P20762 Related reagents P20762 Related reagents Entrez Gene: 363828 RGD1564318 Related reagents 299354 lghg Related reagents 500180 LOC500180 Related reagents 679045 LOC679045 Related reagents 679045 LOC679045 Related reagents 362795 LOC362795 Related reagents 362795 LOC362795 Related reagents RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4		P20759	Related rea	<u>gents</u>	
P20767 Related reagents		P20761	Related reag	<u>gents</u>	
Entrez Gene: 363828 RGD1564318 Related reagents 299354 Ighg Related reagents 500180 LOC500180 Related reagents 679045 LOC679045 Related reagents 362795 LOC362795 Related reagents 362795 LOC362795 Related reagents RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482		<u>P01835</u>	Related rea	<u>gents</u>	
Entrez Gene: 363828 RGD1564318 Related reagents 299354 Ighg Related reagents 500180 LOC500180 Related reagents 679045 LOC679045 Related reagents 362795 LOC362795 Related reagents 362795 LOC362795 Related reagents RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482		P20767	Related reag	<u>gents</u>	
363828 RGD1564318 Related reagents 299354 lghg Related reagents 500180 LOC500180 Related reagents 500180 LOC500180 Related reagents 679045 LOC679045 Related reagents 362795 LOC362795 Related reagents 362795 LOC362795 Related reagents RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References		P20762	Related rea	<u>gents</u>	
299354 lghg Related reagents 500180 LOC500180 Related reagents 679045 LOC679045 Related reagents 362795 LOC362795 Related reagents 362795 LOC362795 Related reagents RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482		Entrez Gen	e:		
Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482		363828	RGD1564318	Related reagents	
RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin are against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504		299354	lghg	Related reagents	
RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin are against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504		<u>500180</u>	LOC500180	Related reagents	
RRID AB_619913 Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504		679045	LOC679045	Related reagents	
Specificity Horseradish peroxidase conjugated Goat anti Rat IgG antibody recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504		<u>362795</u>	LOC362795	Related reagents	
heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum. References 1. Sanchez de Groot, N. et al. (2015) Proteome response at the edge of protein aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482	RRID	AB_619913			
aggregation. Open Biol. 5. pii: 140221. Storage Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482					
After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482	Specificity	heavy and lig	ght chains. Ass	ay by immunoelectrophoresis resul	ted in a single precipitin arc
Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482		heavy and lig against anti-p	ght chains. Ass peroxidase, and de Groot, N. <i>et</i>	ay by immunoelectrophoresis resul ti-goat serum, rat IgG and rat serum al. (2015) Proteome response at th	ted in a single precipitin arc า.
as this may denature the antibody. Guarantee 12 months from date of despatch Health And Safety Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482	References	heavy and lig against anti- 1. Sanchez of aggregation.	ght chains. Ass peroxidase, and de Groot, N. <i>et</i> Open Biol. 5. p	ay by immunoelectrophoresis resulti-goat serum, rat IgG and rat serum al. (2015) Proteome response at the bii: 140221.	ted in a single precipitin arc า.
Guarantee 12 months from date of despatch Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482	References	heavy and lig against anti-p 1. Sanchez of aggregation.	ght chains. Ass peroxidase, and de Groot, N. et Open Biol. 5. p	ay by immunoelectrophoresis resulti-goat serum, rat IgG and rat serum al. (2015) Proteome response at the bii: 140221. at +4°C.	ted in a single precipitin arc า.
Health And Safety Information Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5204-2504 10482	References	heavy and lig against anti-p 1. Sanchez of aggregation. Prior to recon	ght chains. Ass peroxidase, and de Groot, N. et Open Biol. 5. per estitution store at	ay by immunoelectrophoresis resulti-goat serum, rat IgG and rat serum al. (2015) Proteome response at thoii: 140221. at +4°C. +4°C or at -20°C if preferred.	ted in a single precipitin arc n. e edge of protein
Information https://www.bio-rad-antibodies.com/SDS/5204-2504 10482	References	heavy and ligagainst anti-pagainst anti-paga	ght chains. Ass peroxidase, and de Groot, N. et Open Biol. 5. per nstitution store at ost-free freezer	ay by immunoelectrophoresis resulti-goat serum, rat IgG and rat serum al. (2015) Proteome response at the bii: 140221. at +4°C. +4°C or at -20°C if preferred.	ted in a single precipitin arc n. e edge of protein
Regulatory For research purposes only	References Storage	heavy and lig against anti-p 1. Sanchez of aggregation. Prior to recon After reconst Storage in from	ght chains. Ass peroxidase, and de Groot, N. et Open Biol. 5. per stitution store at ost-free freezer denature the ar	ay by immunoelectrophoresis resulti-goat serum, rat IgG and rat serum al. (2015) Proteome response at thoi: 140221. at +4°C. +4°C or at -20°C if preferred. rs is not recommended. Avoid repeatitions.	ted in a single precipitin arc n. e edge of protein
	References Storage Guarantee Health And Safety	heavy and ligaginst anti-pagainst anti-pagai	ght chains. Ass peroxidase, and de Groot, N. et Open Biol. 5. per nstitution store at the ost-free freezer denature the arm om date of deserty Datasheet of the period of the open Biol. Section of the period of the open Biol. Section of the period of the open Biol. Section of the period of the pe	ay by immunoelectrophoresis resulti-goat serum, rat IgG and rat serum al. (2015) Proteome response at the bit: 140221. at +4°C. +4°C or at -20°C if preferred. The is not recommended. Avoid repeatition at the bit is not recommended. Avoid repeatition in the bit is not recommended.	ted in a single precipitin arc n. e edge of protein ated freezing and thawing

Related Products

Recommended Useful Reagents

AbGUARD® HRP STABILIZER PLUS (BUF052A)
AbGUARD® HRP STABILIZER PLUS (BUF052B)
AbGUARD® HRP STABILIZER PLUS (BUF052C)
TMB CORE (BUF056A)

TMB CORE+ (BUF062A) TMB SIGNAL+ (BUF054A)

 North & South
 Tel: +1 800 265 7376
 Worldwide
 Tel: +44 (0)1865 852 700
 Europe
 Tel: +49 (0) 89 8090 95 21

 America
 Fax: +1 919 878 3751
 Fax: +44 (0)1865 852 739
 Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M391330:211008'

Printed on 25 Mar 2023

© 2023 Bio-Rad Laboratories Inc | Legal | Imprint