

Datasheet: 5204-2504

BATCH NUMBER 158319

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) - lyophilised
Reconstitution	Reconstitute with 1.0 ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Gentamicin Sulphate 1% Bovine Serum Albumin
Immunogen	Rat IgG, whole molecule.

**External Database
Links**

UniProt:

P01836	Related reagents
P20766	Related reagents
P20760	Related reagents
P20759	Related reagents
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
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

Regulatory For research purposes only

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

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

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