

Datasheet: 305005

BATCH NUMBER 169057

Description:	GOAT ANTI RAT IgG (H/L):HRP
Specificity:	IgG (H/L)
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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	▪			
ELISA	▪			1/4000 - 1/8000
Immunoblotting	▪			

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 appropriate negative/positive controls.

Target Species	Rat
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid.
Antiserum Preparation	Antiserum to rat IgG was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	50% Glycerol
Immunogen	Rat IgG
External Database Links	UniProt:

P01835	Related reagents
P01836	Related reagents
P20766	Related reagents
P20767	Related reagents
P20760	Related reagents
P20759	Related reagents
P20761	Related reagents
P20762	Related reagents

Entrez Gene:

500180	LOC500180	Related reagents
299354	Ighg	Related reagents
363828	RGD1564318	Related reagents
679045	LOC679045	Related reagents
362795	LOC362795	Related reagents

RRID	AB_619912
Specificity	Goat anti Rat IgG antibody reacts with the heavy and light chains of rat IgG, and the light chains of rat IgA and IgM. Cross reactivity with mouse immunoglobulins has been minimised by cross adsorption with pooled mouse sera and plasmacytoma/hybridoma proteins.
References	1. Liu, F. <i>et al.</i> (2015) Rapid and reliable healing of critical size bone defects with genetically modified sheep muscle. Eur Cell Mater. 30: 118-31. 2. Miguelena, B.C. <i>et al.</i> (2023) Characterization of Canine Peyer's Patches by Multidimensional Analysis: Insights from Immunofluorescence, Flow Cytometry, and Single-Cell RNA Sequencing. Immunohorizons. 7 (11): 788-805.
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10106 available at: https://www.bio-rad-antibodies.com/SDS/305005
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+ \(BUF054A\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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