

Datasheet: STAR120P

BATCH NUMBER 173058

Description:	GOAT ANTI MOUSE IgG (Fc):HRP
Specificity:	IgG (Fc)
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000 - 1/100,000
Immunoprecipitation			▪	
Western Blotting	▪			1/5,000 - 1/50,000

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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Antiserum Preparation	Antisera to mouse IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline.
Preservative	0.05% ProClin 300
Stabilisers	0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

**External Database
Links**

UniProt:

P01869	Related reagents
P01865	Related reagents
P03987	Related reagents
P01867	Related reagents
P01864	Related reagents
P01868	Related reagents
P01863	Related reagents

Entrez Gene:

16017	Ighg1	Related reagents
380793	Igh-1a	Related reagents
16016	Ighg2b	Related reagents
16017	Ighg1	Related reagents
380793	Igh-1a	Related reagents
380795	AI324046	Related reagents
380793	Igh-1a	Related reagents

Synonyms

Igh-4

RRID

AB_567024

Specificity

Goat anti mouse IgG (Fc) polyclonal antibody reacts with mouse IgG at an epitope localised to the Fc region as assessed by immunoelectrophoresis and ELISA. Cross reactivity with IgA and IgM is negligible.

Goat anti mouse IgG (Fc) polyclonal antibody may cross react with IgG from other species.

References

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4. Wegmann F *et al.* (2015) The carbomer-lecithin adjuvant Adjuplex™ has potent immune activating properties and elicits protective adaptive immunity against influenza challenge in mice. [Clin Vaccine Immunol. pii: CVI.00736-14.](#)
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6. Swaffer, M.P. *et al.* (2016) CDK Substrate Phosphorylation and Ordering the Cell Cycle. [Cell. 167 \(7\): 1750-1761.e16.](#)
7. Trindade, A.B. *et al.* (2017) Mesenchymal-like stem cells in canine ovary show high differentiation potential. [Cell Prolif. 50\(6\):e12391.](#)
8. Wood, E. *et al.* (2021) Identification of mutants with increased variation in cell size at onset of mitosis in fission yeast. [J Cell Sci. jcs.251769.](#)

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10. Wang, Z. *et al.* (2023) Reducing cell intrinsic immunity to mRNA vaccine alters adaptive immune responses in mice. [Mol Ther Nucleic Acids. 34: 102045.](#)
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12. Scotchman, E. *et al.* (2021) Identification of mutants with increased variation in cell size at onset of mitosis in fission yeast. [J Cell Sci. 134 \(3\)Feb 11 \[Epub ahead of print\].](#)
13. Basu, S. *et al.* (2022) Core control principles of the eukaryotic cell cycle. [Nature. 607 \(7918\): 381-6.](#)
14. Brustolin, B. *et al.* (2022) Triggering receptor expressed on myeloid cells-1 deletion in mice attenuates high-fat diet-induced obesity. [Front Endocrinol \(Lausanne\). 13: 983827.](#)

Storage	This product is shipped at ambient temperature. Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch.
Acknowledgements	ProClin is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.
Health And Safety Information	Material Safety Datasheet documentation #20391 available at: https://www.bio-rad-antibodies.com/SDS/STAR120P
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
‘M441612:250523’

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