Datasheet: STAR120P

BATCH NUMBER 167763

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 Stabilisers

0.05% ProClin 300
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	1. Nejsum, P. *et al.* (2009) Population dynamics of *Trichuris suis* in trickle-infected pigs. Parasitology. 136: 691-7. 2. Yuan, T. *et al.* (2010) Chondrogenic differentiation and immunological properties of mesenchymal stem cells in collagen type I hydrogel. Biotechnol Prog. 26 (6): 1749-58. 3. Wegmann, F. *et al.* (2011) A Novel Strategy for Inducing Enhanced Mucosal HIV-1 Antibody Responses in an Anti-Inflammatory Environment PLoS One. 6(1):e15861. 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. 5. Liu, Z. *et al.* (2016) Partial protective immunity against toxoplasmosis in mice elicited by recombinant Toxoplasma gondii malate dehydrogenase. Vaccine. 34 (7): 989-94. 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.

9. Li, Y. *et al.* (2022) Low-Temperature Plasma-Activated Medium Inhibited Proliferation and Progression of Lung Cancer by Targeting the PI3K/Akt and MAPK Pathways. Oxid Med Cell Longev. 2022: 9014501.
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.
11. Basu, S. *et al.* (2020) The Hydrophobic Patch Directs Cyclin B to Centrosomes to Promote Global CDK Phosphorylation at Mitosis. Curr Biol. 30 (5): 883-892.e4.

Storage	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 20391
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)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M423189:231006'

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