

Datasheet: STAR120

Description:	GOAT ANTI MOUSE IgG (Fc)
Specificity:	IgG (Fc)
Format:	Purified
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	■			1/100 - 1/1000
Immunoprecipitation			■	
Western Blotting			■	

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 - 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	0.09% Sodium Azide
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
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Specificity	<p>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.</p> <p>Goat anti mouse IgG (Fc) polyclonal antibody may cross react with IgG from other species.</p>
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References	<ol style="list-style-type: none">1. Nejsum, P. <i>et al.</i> (2009) Population dynamics of <i>Trichuris suis</i> in trickle-infected pigs. Parasitology. 136: 691-7.2. Yuan, T. <i>et al.</i> (2010) Chondrogenic differentiation and immunological properties of mesenchymal stem cells in collagen type I hydrogel. Biotechnol Prog. 26 (6): 1749-58.3. Wegmann, F. <i>et al.</i> (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 <i>et al.</i> (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. <i>et al.</i> (2015) Partial protective immunity against toxoplasmosis in mice elicited by recombinant <i>Toxoplasma gondii</i> malate dehydrogenase Vaccine Oct 27 [Epub ahead of print]6. Swaffer, M.P. <i>et al.</i> (2016) CDK Substrate Phosphorylation and Ordering the Cell Cycle. Cell. 167 (7): 1750-1761.e16.7. Trindade, A.B. <i>et al.</i> (2017) Mesenchymal-like stem cells in canine ovary show high differentiation potential. Cell Prolif. Oct 08 [Epub ahead of print].
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Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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'M314422:180412'

Printed on 02 May 2018

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