

Datasheet: STAR120P

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|----------------------|------------------------------|
| Description: | GOAT ANTI MOUSE IgG (Fc):HRP |
| Specificity: | IgG (Fc) |
| Format: | HRP |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 1 mg |

Product Details

RRID AB_567024

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

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.* (2015) Partial protective immunity against toxoplasmosis in mice elicited by recombinant *Toxoplasma gondii* malate dehydrogenase [Vaccine Oct 27 \[Epub ahead of print\]](#)
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 \(6\)Oct 08 \[Epub ahead of print\].](#)

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™ 300 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:
20391: <https://www.bio-rad-antibodies.com/uploads/MSDS/20391.pdf>

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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