

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

RRID AB_567022

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

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/STAR120>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M428648:240301'

Printed on 01 Mar 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)