

Datasheet: NB-47-05914-1MG

| | |
|----------------------|------------------------------|
| 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.neo-biotech.com

| | 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

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.](#)

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**

Regulatory

For research purposes only.

Neo-Biotech

Printed on 25 Mar 2023

© 2023 Neo-Biotech | [Legal](#) | [Imprint](#)