

Datasheet: STAR137

BATCH NUMBER 172708

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|----------------------|---------------------|
| Description: | GOAT ANTI MOUSE IgA |
| Specificity: | IgA |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.5 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 | ▪ | | | |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | | | ▪ | |

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. 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 IgA were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Borate buffered saline

Preservative Stabilisers <0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations IgG concentration 1.0mg/ml

Immunogen Mouse IgA paraproteins.

External Database

Links

UniProt:

[P01878](#) [Related reagents](#)

Entrez Gene:

[16061](#) Igh-VJ558 [Related reagents](#)

RRID

AB_2075638

Specificity

Goat anti Mouse IgA antibody recognizes Mouse IgA and has been cross absorbed against mouse IgM, IgG1, IgG2a, IgG2b and IgG3.

References

1. Capoccia, B.J. *et al.* (2011) Transcription factor MIST1 in terminal differentiation of mouse and human plasma cells. [Physiol Genomics. 43 \(3\): 174-86.](#)
 2. Yamashita, H. *et al* (2012) Overcoming food allergy through acquired tolerance conferred by transfer of Tregs in a murine model. [Allergy. 67: 201-9.](#)
 3. Won, Y.S. *et al.* (2017) Green tea cultivar 'Benifuuki' potentiates split vaccine-induced immunoglobulin A production. [J Nat Med. 71 \(1\): 68-75.](#)
 4. Ramstead, A.G. *et al.* (2016) Roles of Toll-Like Receptor 2 (TLR2), TLR4, and MyD88 during Pulmonary *Coxiella burnetii* Infection. [Infect Immun. 84 \(4\): 940-9.](#)
 5. Sessevmez, M. *et al.* (2023) Induction of humoral and cell-mediated immunity in mice by chitosan-curdlan composite nanoparticles administered intranasally and subcutaneously [J Drug Deliv Sci Technol. 86: 104704.](#)
 6. Zhang, S. *et al.* (2023) Select symbionts drive high IgA levels in the mouse intestine. [Cell Host Microbe. 31 \(10\): 1620-1638.e7.](#)
 7. Amaral, R. *et al.* (2025) Chitosan Nanoparticles for Enhanced Immune Response and Delivery of Multi-Epitope *Helicobacter pylori* Vaccines in a BALB/c Mouse Model. [Pharmaceutics. 17 \(1\): 132.](#)
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Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10077 available at: <https://www.bio-rad-antibodies.com/SDS/STAR137>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M428699:240301'

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