

## Datasheet: STAR137P

**BATCH NUMBER 166516**

<b>Description:</b>	GOAT ANTI MOUSE IgA:HRP
<b>Specificity:</b>	IgA
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

### 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA	▪			1/4000 - 1/8000
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. 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.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
<b>Antiserum Preparation</b>	Antisera to mouse IgA were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.01% Thiomersal
<b>Stabilisers</b>	50% Glycerol
<b>Immunogen</b>	Mouse IgA paraproteins.
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

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

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**RRID**   AB\_2075637

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

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**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.](#)

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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.

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**Guarantee**   12 months from date of despatch

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**Health And Safety Information**   Material Safety Datasheet documentation #10097 available at: <https://www.bio-rad-antibodies.com/SDS/STAR137P>  
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**Regulatory**   For research purposes only

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

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