

## Datasheet: STAR137

**BATCH NUMBER 155307**

<b>Description:</b>	GOAT ANTI MOUSE IgA
<b>Specificity:</b>	IgA
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG - 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>	Borate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	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.](#)

**Storage**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10077 available at: <https://www.bio-rad-antibodies.com/SDS/STAR137>  
10077

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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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)

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