

## Datasheet: STAR142

**BATCH NUMBER 159266**

<b>Description:</b>	GOAT F(ab') <sub>2</sub> ANTI HUMAN 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>	Human
<b>Product Form</b>	F(ab') <sub>2</sub> fragments of purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to human IgA were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. F(ab) <sub>2</sub> fragments were prepared by pepsin digestion.
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	F(ab') <sub>2</sub> concentration 0.5mg/ml

Immunogen Human IgA.

#### External Database

##### Links

##### UniProt:

[P01877](#)

[Related reagents](#)

[P01876](#)

[Related reagents](#)

##### Entrez Gene:

[3494](#)

IGHA2

[Related reagents](#)

[3493](#)

IGHA1

[Related reagents](#)

##### RRID

AB\_1102620

##### Specificity

**Goat F(ab')<sub>2</sub> anti Human IgA antibody** recognizes the heavy chain of human IgA and has been cross absorbed against human IgM, IgD and IgG. Goat F(ab')<sub>2</sub> anti Human IgA antibody might cross react with IgA from other species.

##### References

1. Lu, D.R. *et al.* (2014) Identifying functional anti-*Staphylococcus aureus* antibodies by sequencing antibody repertoires of patient plasmablasts. [Clin Immunol. 152 \(1-2\): 77-89.](#)

##### 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/STAR14210077>

##### Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (H/L) (602001...) [Alk. Phos.](#)

Donkey Anti Goat IgG (H/L) (642001...) [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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