

## Datasheet: STAR141F

**BATCH NUMBER 163266**

<b>Description:</b>	GOAT ANTI HUMAN IgA:FITC
<b>Specificity:</b>	IgA
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat - 1/10
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
Immunofluorescence	▪			Neat - 1/10

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

Human

#### Product Form

Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

#### Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
FITC	490	525

#### Antiserum Preparation

Antisera to human IgA were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on pooled human IgA covalently linked to agarose.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

<0.1% Sodium Azide (NaN<sub>3</sub>)

#### Approx. Protein

IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Human IgA paraproteins.

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## External Database Links

### UniProt:

[P01876](#) [Related reagents](#)

[P01877](#) [Related reagents](#)

### Entrez Gene:

[3493](#) IGHA1 [Related reagents](#)

[3494](#) IGHA2 [Related reagents](#)

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**RRID** AB\_1102623

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**Specificity** **Goat anti human IgA polyclonal antibody** recognizes the heavy chain of human IgA. This anti human IgA antibody has been cross adsorbed against human IgM and IgG but might cross-react with IgA from other species.

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**Flow Cytometry** Use 10ul of the suggested working dilution to label  $10^6$  cells in 100ul.

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**References** 1. Whelan, S.F. *et al.* (2013) Distinct characteristics of antibody responses against factor VIII in healthy individuals and in different cohorts of hemophilia A patients. [Blood. 121: 1039-48.](#)

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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. This product is photosensitive and should be protected from light.

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**Guarantee** Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/STAR141F10040>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

Tel: +49 (0) 89 8090 95 21

To

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

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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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