

## Datasheet: STAR146

**BATCH NUMBER 155484**

<b>Description:</b>	GOAT F(ab') <sub>2</sub> ANTI HUMAN IgM
<b>Specificity:</b>	IgM
<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.

**Target Species** Human

**Product Form** F(ab')<sub>2</sub> fragments of purified IgG - liquid

**Antiserum Preparation** Antisera to human IgM 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.

**Buffer Solution** Borate buffered saline

**Preservative Stabilisers** None present

**Approx. Protein Concentrations** F(ab')<sub>2</sub> concentration 0.5 mg/ml

Immunogen Human IgM.

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**External Database**

**Links**

**UniProt:**

[P01871](#) [Related reagents](#)

**Entrez Gene:**

[3507](#) IGHM [Related reagents](#)

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**RRID**

AB\_1102675

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**Specificity**

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

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**References**

1. Mpakou, V.E. *et al.* (2017) Quantitative and qualitative analysis of regulatory T cells in B cell chronic lymphocytic leukemia. [Leuk Res. 60: 74-81.](#)
  2. 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.](#)
  3. Tan, Y.C. *et al.* (2014) High-throughput sequencing of natively paired antibody chains provides evidence for original antigenic sin shaping the antibody response to influenza vaccination. [Clin Immunol. 151 \(1\): 55-65.](#)
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**Storage**

Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information**

Material Safety Datasheet documentation #10123 available at:  
<https://www.bio-rad-antibodies.com/SDS/STAR146>  
10123

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**Regulatory**

For research purposes only

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## 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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