

Datasheet: STAR146

BATCH NUMBER 171988

Description:	GOAT F(ab') ₂ ANTI HUMAN IgM
Specificity:	IgM
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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') ₂ 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') ₂ fragments were prepared by pepsin digestion.
Buffer Solution	Borate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	F(ab') ₂ concentration 0.5 mg/ml

Immunogen	Human IgM.
External Database Links	<p>UniProt: P01871 Related reagents</p> <p>Entrez Gene: 3507 IGHM Related reagents</p>
RRID	AB_1102675
Specificity	Goat F(ab')₂ anti Human IgM antibody recognizes the heavy chain of human IgM and has been cross absorbed against human IgA and IgG. Goat F(ab') ₂ anti Human IgM antibody might cross react with IgM from other species.
References	<ol style="list-style-type: none"> 1. Lu, D.R. <i>et al.</i> (2014) Identifying functional anti-<i>Staphylococcus aureus</i> antibodies by sequencing antibody repertoires of patient plasmablasts. Clin Immunol. 152 (1-2): 77-89. 2. Tan, Y.C. <i>et al.</i> (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. 3. Mpakou, V.E. <i>et al.</i> (2017) Quantitative and qualitative analysis of regulatory T cells in B cell chronic lymphocytic leukemia. Leuk Res. 60: 74-81.
Storage	<p>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.</p>
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.
Health And Safety Information	Material Safety Datasheet documentation #10123 available at: https://www.bio-rad-antibodies.com/SDS/STAR146
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
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Printed on 29 Jan 2026

