

Datasheet: STAR13B

Description:	RABBIT F(ab') ₂ ANTI MOUSE IgG:HRP (Human Adsorbed)
Specificity:	IgG
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			1/50
Immunohistology - Paraffin	▪			1/50
Immunohistology - Resin	▪			1/50
ELISA	▪			1/500 - 1/1000
Western Blotting	▪			1/2000 - 1/5000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Species Cross Reactivity	<p>Reacts with: Rat</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Preparation	<p>Purified IgG fragments were prepared by affinity chromatography of serum.</p> <p>F(ab)₂ fragments were prepared by pepsin digestion, followed by gel filtration to remove any intact IgG or Fc fragments.</p>
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.01% Thiomersal
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified whole mouse immunoglobulin G.
External Database Links	<p>UniProt:</p> <p>P01869 Related reagents</p> <p>P01865 Related reagents</p> <p>P01864 Related reagents</p> <p>P01868 Related reagents</p> <p>P03987 Related reagents</p> <p>P01867 Related reagents</p> <p>P01863 Related reagents</p> <p>Entrez Gene:</p> <p>16017 Ighg1 Related reagents</p> <p>380793 Igh-1a Related reagents</p> <p>16016 Ighg2b Related reagents</p> <p>16017 Ighg1 Related reagents</p> <p>380793 Igh-1a Related reagents</p> <p>380795 AI324046 Related reagents</p> <p>380793 Igh-1a Related reagents</p>
Synonyms	Igh-4
RRID	AB_321921
Specificity	<p>Rabbit anti Mouse IgG antibody recognizes all subclasses of murine IgG. Some cross reactivity with IgM will be expected.</p> <p>Cross reactivity is expected with rat IgG. Cross reactivity with human serum has been minimised by solid phase adsorbtion.</p>
References	<ol style="list-style-type: none"> 1. Buffoni, L. <i>et al.</i> (2012) Humoral immune response in goats immunised with cathepsin L1, peroxiredoxin and Sm14 antigen and experimentally challenged with <i>Fasciola hepatica</i>. Vet Parasitol. 185: 315-21. 2. Emara, M. <i>et al.</i> (2012) Retagging identifies dendritic cell-specific intercellular adhesion molecule-3 (ICAM3)-grabbing non-integrin (DC-SIGN) protein as a novel receptor for a major allergen from house dust mite. J Biol Chem. 287: 5756-63. 3. Johnson, A.E. <i>et al.</i> (2009) AZD2184: a radioligand for sensitive detection of beta-amyloid deposits. J Neurochem. 108: 1177-86. 4. Raida, M.K. <i>et al.</i> (2011) Association between plasma antibody response and protection in rainbow trout <i>Oncorhynchus mykiss</i> immersion vaccinated against <i>Yersinia ruckeri</i>.

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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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10094 available at: 10094: <https://www.bio-rad-antibodies.com/uploads/MSDS/10094.pdf>

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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