

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	Reacts with: Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Preparation	Purified IgG fragments were prepared by affinity chromatography of serum. F(ab) ₂ fragments were prepared by pepsin digestion, followed by gel filtration to remove any intact IgG or Fc fragments.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Thiomersal HRP stabiliser (BUF052A)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified whole mouse immunoglobulin G.

**External Database
Links**

UniProt:

P01869	Related reagents
P01865	Related reagents
P01864	Related reagents
P01868	Related reagents
P03987	Related reagents
P01867	Related reagents
P01863	Related reagents

Entrez Gene:

16017	Ighg1	Related reagents
380793	Igh-1a	Related reagents
16016	Ighg2b	Related reagents
16017	Ighg1	Related reagents
380793	Igh-1a	Related reagents
380795	AI324046	Related reagents
380793	Igh-1a	Related reagents

Synonyms

Igh-4

Specificity

Rabbit anti Mouse IgG antibody recognizes all subclasses of murine IgG. Some cross reactivity with IgM will be expected.

Cross reactivity is expected with rat IgG. Cross reactivity with human serum has been minimised by solid phase adsorption.

References

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12. Skov, J. *et al.* (2012) Immunomodulatory effects of dietary β -1,3-glucan from *Euglena gracilis* in rainbow trout (*Oncorhynchus mykiss*) immersion vaccinated against *Yersinia ruckeri*. [Fish Shellfish Immunol. 33: 111-20.](#)
13. Chettri, J.K. *et al.* (2013) Comparative evaluation of administration methods for a vaccine protecting rainbow trout against *Yersinia ruckeri* O1 biotype 2 infections. [Vet Immunol Immunopathol. 154: 42-7.](#)
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15. Moradi, B. *et al.* (2016) Construction of a Novel DNA Vaccine Candidate Encoding an HspX-PPE44-EsxV Fusion Antigen of *Mycobacterium tuberculosis*. [Rep Biochem Mol Biol. 4 \(2\): 89-97.](#)
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17. Jaafar RM *et al.* (2015) Effects of adjuvant Montanide™ ISA 763 A VG in rainbow trout injection vaccinated against *Yersinia ruckeri*. [Fish Shellfish Immunol. 47 \(2\): 797-806.](#)

Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10131 available at: 10131: https://www.bio-rad-antibodies.com/uploads/MSDS/10131.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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