

Datasheet: STAR105

BATCH NUMBER 151889

Description:	GOAT F(ab') ₂ ANTI MOUSE IgG (H/L)
Specificity:	IgG (H/L)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.8 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	■			1/500 - 1/1000
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. 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 - liquid
Preparation	Purified IgG was prepared from whole serum by affinity chromatography. F(ab') ₂ fragments were prepared by pepsin digestion of the IgG followed by a gel filtration step to remove any remaining intact IgG or Fc fragments.
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 0.8 mg/ml
Immunogen	Purified mouse immunoglobulin G

External Database Links

UniProt:

P01869	Related reagents
P01843	Related reagents
P01724	Related reagents
P01867	Related reagents
P01864	Related reagents
P01868	Related reagents
P01865	Related reagents
P01837	Related reagents
P01844	Related reagents
P03987	Related reagents
P01863	Related reagents
P01845	Related reagents

Entrez Gene:

16017	Ighg1	Related reagents
433053	LOC433053	Related reagents
16016	Ighg2b	Related reagents
16017	Ighg1	Related reagents
16142	Iglv1	Related reagents
380793	Igh-1a	Related reagents
16071	Igk-C	Related reagents
110786	Iglc2	Related reagents
110787	Iglc3	Related reagents
380793	Igh-1a	Related reagents
380793	Igh-1a	Related reagents
380795	AI324046	Related reagents

Synonyms	Igh-4
RRID	AB_323005

Specificity **Goat F(ab')₂ anti Mouse IgG (H/L) antibody** recognizes mouse IgG, reacting with all mouse IgG subclasses.

Goat F(ab')₂ anti Mouse IgG (H/L) antibody has been adsorbed against human immunoglobulins, but cross-reacts with rat IgG.

References

1. Hsiao, Y.W. *et al.* (2002) Effect of tumor infiltrating lymphocytes on the expression of MHC molecules in canine transmissible venereal tumor cells. [Vet Immunol Immunopathol. 87 \(1-2\): 19-27.](#)
2. Urquhart, P. *et al.* (2007) Carbon monoxide-releasing molecules modulate leukocyte-endothelial interactions under flow. [J Pharmacol Exp Ther. 321 \(2\): 656-62.](#)
3. Dietrich, I. *et al.* (2011) Feline tetherin efficiently restricts release of feline immunodeficiency virus but not spreading of infection. [J Virol. 85: 5840-52.](#)
4. Mateo, M. *et al.* (2011) VP24 is a molecular determinant of Ebola virus virulence in guinea pigs. [J Infect Dis. 204 Suppl 3: S1011-20.](#)
5. Blank, N. *et al.* (2007) Atorvastatin inhibits T cell activation through 3-hydroxy-3-methylglutaryl coenzyme A reductase without decreasing cholesterol synthesis. [J Immunol. 179: 3613-21.](#)
6. Lin, T.C. *et al.* (2005) Neutrophil-mediated secretion and activation of matrix metalloproteinase-9 during cardiac surgery with cardiopulmonary bypass. [Anesth Analg. 100: 1554-60.](#)
7. Sellers, M.D. *et al.* (2012) Determination of preanalysis storage temperature and time allowances for ex vivo innate immune responses. [J Dairy Sci. pii: S0022-0302\(12\)00805-3.](#)
8. Kao, K-J. *et al.* (2019) Methods and Agents for the Diagnostics and Treatment of Hepatocellular Carcinoma [Patent Application: US 2019/0309062 A1.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/STAR10510040>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South America

Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

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)

'M369605:200529'

