Datasheet: 101002

BATCH NUMBER 160037

Description:	GOAT ANTI MOUSE IgG/A/M (H/L):FITC
Specificity:	IgG IgA IgM (H/L)
Format:	FITC
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
Flow Cytometry	▪			1/5 - 1/20

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

Product Form

Ig Fraction conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
FITC	490	525

Antiserum Preparation

Antisera to Mouse IgG, IgA and IgM were raised by repeated immunisation of goats with pooled mouse IgG, IgA and IgM paraproteins.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

<0.1% Sodium Azide (NaN_3)

Approx. Protein Concentrations

IgG concentration 1mg/ml

Immunogen

Purified mouse IgG, IgA and IgM.

External Database Links	**UniProt:**

P01864	Related reagents
P01872	Related reagents
P03987	Related reagents
P01873	Related reagents
P01868	Related reagents
P01865	Related reagents
P01869	Related reagents
P01878	Related reagents
P01867	Related reagents
P01863	Related reagents
P01844	Related reagents
P01843	Related reagents
P01845	Related reagents
P01834	Related reagents

Entrez Gene:

380793	Igh-1a	Related reagents
16019	Ighm	Related reagents
16017	Ighg1	Related reagents
16019	Ighm	Related reagents
380793	Igh-1a	Related reagents
380795	AI324046	Related reagents
3514	IGKC	Related reagents
16016	Ighg2b	Related reagents
16017	Ighg1	Related reagents
16061	Igh-VJ558	Related reagents
110786	Iglc2	Related reagents
110787	Iglc3	Related reagents
380793	Igh-1a	Related reagents
433053	LOC433053	Related reagents

Synonyms	Igh-4
RRID	AB_609711
Specificity	**Goat anti Mouse IgG/A/M** reacts with the heavy and light chains of all major classes of mouse immunoglobulin. The antibody has been adsorbed against human serum to minimise cross-reactivity with human immunoglobulins.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

References	1. Ding, G. *et al.* (2010) Effect of cryopreservation on biological and immunological properties of stem cells from apical papilla. J Cell Physiol. 22: 415-22. 2. Shao, L. *et al.* (2015) Comparative *In Vitro* and *In Vivo* Studies of Porcine Rotavirus G9P[13] and Human Rotavirus Wa G1P[8]. J Virol. 90 (1): 142-51. 3. Iver, S. *et al.* (2019) Probing BAK and BAX Activation and Pore Assembly with Cytochrome c Release, Limited Proteolysis, and Oxidant-Induced Linkage. Methods Mol Biol. 1877: 201-16.
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. This product is photosensitive and should be protected from light.
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/101002 10040
Regulatory	For research purposes only

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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

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