Datasheet: 101007

Description:	GOAT ANTI MOUSE IgG/A/M (H/L):Texas Red®
Specificity:	IgG IgA IgM (H/L)
Format:	Texas Red®
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 mg

Product Details

RRID AB_609678

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
Immunofluorescence			▪	

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 Purified IgG conjugated to Texas Red® - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
Texas Red	596	615

Preparation Purified IgG prepared by affinity chromatography on pooled mouse IgM, IgG and IgA covalently linked to agarose

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 1.0 mg/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

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.

Storage

Store at +4ºC or at -20ºC if preferred.
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
Guarantee	Guaranteed until date of expiry. Please see product label.
Acknowledgements	Texas Red® is a registered trademark of Molecular Probes, Inc..
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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