

Datasheet: 301002

Description:	GOAT ANTI RAT IgG/IgM (H/L):FITC
Specificity:	Ig (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	▪			1/10 - 1/100
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
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	Rat		
Product Form	Purified IgG 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 rat Ig were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.1% Sodium Azide

Approx. Protein IgG concentration 1.0 mg/ml

Concentrations

Immunogen Purified rat IgM and IgG

External Database Links

UniProt:

[P20760](#) [Related reagents](#)
[P20761](#) [Related reagents](#)
[P20759](#) [Related reagents](#)
[P20762](#) [Related reagents](#)
[P01835](#) [Related reagents](#)
[P01836](#) [Related reagents](#)
[P20766](#) [Related reagents](#)
[P20767](#) [Related reagents](#)
[P01876](#) [Related reagents](#)
[P01877](#) [Related reagents](#)
[P01883](#) [Related reagents](#)
[P01855](#) [Related reagents](#)

Entrez Gene:

[679045](#) LOC679045 [Related reagents](#)
[299354](#) Ighg [Related reagents](#)
[362795](#) LOC362795 [Related reagents](#)
[500180](#) LOC500180 [Related reagents](#)
[3493](#) IGHA1 [Related reagents](#)
[3494](#) IGHA2 [Related reagents](#)
[299351](#) Ighe [Related reagents](#)
[363828](#) RGD1564318 [Related reagents](#)
[641523](#) LOC641523 [Related reagents](#)

RRID AB_609707

Specificity **Goat anti rat Ig (H/L) polyclonal antibody** reacts with the heavy and light chains of rat IgM and IgG and show minimal cross reactivity with mouse immunoglobulins. This antibody has been cross-adsorbed against pooled mouse sera and purified mouse paraproteins.

Flow Cytometry Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.

References 1. Westerweel, P.E. *et al.* (2010) Modulation of TGF- β /BMP-6 expression and increased levels of circulating smooth muscle progenitor cells in a type I diabetes mouse model. [Cardiovasc Diabetol. 9: 55.](#)

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. This product is photosensitive and should be protected from light.

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.
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Health And Safety Information	Material Safety Datasheet documentation #10303 available at: 10303: https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf
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Regulatory	For research purposes only
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'M352206:190320'

Printed on 09 Feb 2021

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