

Datasheet: OBT0381R

Description:	GOAT F(ab') ₂ ANTI MOUSE IgG (H/L):RPE
Specificity:	IgG (H/L)
Format:	RPE
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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	▪			
Immunofluorescence	▪			

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species	Mouse						
Product Form	F(ab') ₂ fragment of IgG conjugated to R. Phycoerythrin (RPE) - lyophilised						
Reconstitution	Reconstitute with 1.0 ml of sterile distilled water						
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>RPE 488nm laser</td> <td>496</td> <td>578</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	RPE 488nm laser	496	578
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
RPE 488nm laser	496	578					
Preparation	F(ab') ₂ fragment of mouse IgG prepared by immunoaffinity chromatography						
Buffer Solution	Phosphate buffered saline						
Preservative	0.01% Sodium Azide (NaN ₃)						
Stabilisers	1% Bovine Serum Albumin						
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml						

External Database

Links

UniProt:

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

Entrez Gene:

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

Synonyms

Igh-4

RRID

AB_616861

Specificity

Goat F(ab')₂ anti Mouse IgG antibody recognizes mouse IgG heavy and light chains.

Minimal cross reactivity has been observed with bovine, horse, human, rabbit and pig serum proteins.

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted.

This product is photosensitive and should be protected from light.

Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of reconstitution.

Health And Safety

Material Safety Datasheet documentation #10041 available at:

Information10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

RegulatoryFor research purposes only

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