

Datasheet: 108007

Description:	GOAT ANTI MOUSE IgG2a:Texas Red®
Specificity:	IgG2a
Format:	Texas Red®
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	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	

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	Does not react with:Human						
Product Form	IgG conjugated to Texas Red® - liquid						
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>Texas Red</td> <td>596</td> <td>615</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	Texas Red	596	615
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Texas Red	596	615					

Antiserum Preparation Antisera to mouse IgG2a were raised by repeated immunisations of goats with highly purified antigen. Purified Ig was prepared from whole serum by affinity chromatography on mouse IgG2a covalently linked to agarose. This preparation has been cross absorbed with mouse IgM, IgG1, IgG2b, IgG3 and IgA to ensure class specificity

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen	Mouse IgG2a.
External Database Links	<p>UniProt:</p> <p>P01863 Related reagents</p> <p>P01865 Related reagents</p> <p>P01864 Related reagents</p> <p>Entrez Gene:</p> <p>380793 Igh-1a Related reagents</p> <p>380793 Igh-1a Related reagents</p> <p>380793 Igh-1a Related reagents</p>
Specificity	Goat anti Mouse IgG2a antibody reacts with the heavy chain of mouse IgG2a.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. This product is photosensitive and should be protected from light.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use</p>
Shelf Life	Please see label for expiry date
Acknowledgements	Texas Red® is a registered trademark of Molecular Probes, Inc
Health And Safety Information	<p>Material Safety Datasheet documentation available at:</p> <p>Material Safety Datasheet Documentation #10040 available at:</p> <p>https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</p>
Regulatory	For research purposes only

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