

Datasheet: OBT1521F

Description:	RABBIT ANTI MOUSE IgG2a:FITC
Specificity:	IgG2a
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
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	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - lyophilised		
Reconstitution	Reconstitute with 1.0ml distilled water		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by affinity chromatography.		
Buffer Solution	Phosphate buffered saline		
Preservative	0.01% Sodium azide		
Stabilisers	1% w/v Bovine serum albumin		
Approx. Protein Concentrations	1.0 mg/ml		
Immunogen	Mouse IgG2a heavy chain		
External Database Links	UniProt:		
	P01865	Related reagents	
	P01863	Related reagents	

[P01864](#) [Related reagents](#)

Entrez Gene:

[380793](#) Igh-1a [Related reagents](#)
[380793](#) Igh-1a [Related reagents](#)
[380793](#) Igh-1a [Related reagents](#)

RRID	AB_616783
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Specificity	Rabbit anti Mouse IgG2a antibody recognises murine IgG2a and shows <1% cross-reactivity with other murine immunoglobulin classes or subclasses. It also shows <1% cross-reactivity with human heavy and light chains.
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References	1. Paillot, R. <i>et al.</i> (2010) Contribution of each of four Superantigens to <i>Streptococcus equi</i> -induced mitogenicity, gamma interferon synthesis, and immunity. Infect Immun. 78: 1728-39.
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Storage	Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
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Regulatory	For research purposes only
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