

## Datasheet: OBT1521F

<b>Description:</b>	RABBIT ANTI MOUSE IgG2a:FITC
<b>Specificity:</b>	IgG2a
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Mouse						
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - lyophilized						
<b>Reconstitution</b>	Reconstitute with 1.0ml distilled water						
<b>Max Ex/Em</b>	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	FITC	490	525
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
FITC	490	525					
<b>Preparation</b>	Purified IgG prepared by affinity chromatography.						
<b>Buffer Solution</b>	Phosphate buffered saline						
<b>Preservative</b>	0.01% Sodium azide						
<b>Stabilisers</b>	1% w/v Bovine serum albumin						
<b>Approx. Protein Concentrations</b>	1.0 mg/ml						
<b>Immunogen</b>	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](#)

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**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. *et al.* (2010) Contribution of each of four Superantigens to *Streptococcus equi*-induced mitogenicity, gamma interferon synthesis, and immunity. [Infect Immun. 78: 1728-39.](#)

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**Storage**                    This product is shipped at ambient temperature. Prior to reconstitution store at +4°C. After reconstitution it is recommended to aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

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**Guarantee**                12 months from date of despatch

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**Health And Safety  
Information**                Material Safety Datasheet documentation #20486 available at:  
<https://www.bio-rad-antibodies.com/SDS/OBT1521F>  
20486

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**Regulatory**                For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
'M419843:230622'

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