

## Datasheet: OBT1508P

**BATCH NUMBER 165365**

<b>Description:</b>	RABBIT ANTI MOUSE IgG1:HRP
<b>Specificity:</b>	IgG1
<b>Format:</b>	HRP
<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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			1/20000 - 1/100000
Western Blotting	▪			1/2000 - 1/10000
Immunoblotting	▪			

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 Horseradish Peroxidase (HRP) - lyophilized
<b>Reconstitution</b>	Reconstitute with 1.0 ml distilled water
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% gentamicin sulphate 1% Bovine serum albumin
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

Immunogen	Mouse IgG1 gamma 1 heavy chain
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## External Database Links

### UniProt:

<a href="#">P01869</a>	<a href="#">Related reagents</a>
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<a href="#">P01868</a>	<a href="#">Related reagents</a>
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### Entrez Gene:

<a href="#">16017</a>	Ighg1	<a href="#">Related reagents</a>
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<a href="#">16017</a>	Ighg1	<a href="#">Related reagents</a>
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Synonyms	Igh-4
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RRID	AB_619901
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Specificity	<b>Rabbit anti Mouse IgG1 antibody</b> is specific for mouse IgG1 and shows minimal (<0.5%) cross-reactivity with mouse IgG2a, IgG2b, IgG3 and IgM.
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References	1. Kerr K <i>et al.</i> (2010) Inflammatory cytokine responses in a pregnant mouse model of <i>Chlamydomphila abortus</i> infection. <a href="#">Vet Microbiol. 144 (3-4): 392-8.</a>
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Storage	Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. 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 #20496 available at: <a href="https://www.bio-rad-antibodies.com/SDS/OBT1508P">https://www.bio-rad-antibodies.com/SDS/OBT1508P</a> 20496
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Regulatory	For research purposes only
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## Related Products

### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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://bio-rad-antibodies.com/datasheets)

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