

Datasheet: OBT1508P

BATCH NUMBER 153711

Description:	RABBIT ANTI MOUSE IgG1:HRP
Specificity:	IgG1
Format:	HRP
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	▪			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.

Target Species	Mouse
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilised
Reconstitution	Reconstitute with 1.0 ml distilled water
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% gentamicin sulphate 1% Bovine serum albumin
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

Immunogen	Mouse IgG1 gamma 1 heavy chain
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External Database Links

UniProt:

[P01869](#) [Related reagents](#)

[P01868](#) [Related reagents](#)

Entrez Gene:

[16017](#) Ighg1 [Related reagents](#)

[16017](#) Ighg1 [Related reagents](#)

Synonyms	Igh-4
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RRID	AB_619901
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Specificity	Rabbit anti Mouse IgG1 antibody 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. Vet Microbiol. 144 (3-4): 392-8.
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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 #10482 available at: https://www.bio-rad-antibodies.com/SDS/OBT1508P 10482
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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

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