

Datasheet: OBT1508P

BATCH NUMBER 172536

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

Concentrations

Immunogen Mouse IgG1 gamma 1 heavy chain

External Database Links

UniProt:

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

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

Entrez Gene:

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

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

Synonyms Igh-4

RRID AB_619901

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.

References 1. Kerr K *et al.* (2010) Inflammatory cytokine responses in a pregnant mouse model of *Chlamydomyphila abortus* infection. [Vet Microbiol. 144 \(3-4\): 392-8.](#)

Storage This product is shipped at ambient temperature.
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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #20496 available at: <https://www.bio-rad-antibodies.com/SDS/OBT1508P>

Regulatory For research purposes only

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+ \(BUF054A\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M441538:250523'

Printed on 29 Jan 2026

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