

## Datasheet: OBT1500P

**BATCH NUMBER 157477**

<b>Description:</b>	DONKEY ANTI GOAT IgG:HRP (MULTI SPECIES ADSORBED)
<b>Specificity:</b>	IgG
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 ml

### 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	▪			1/500 - 1/5,000
Immunohistology - Paraffin	▪			1/500 - 1/5,000
ELISA	▪			1/5,000 - 1/100,000
Immunoprecipitation			▪	
Western Blotting	▪			1/5,000 - 1/100,000

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>	Goat
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilised
<b>Reconstitution</b>	Reconstitute with 0.5 ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	1.5% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	IgG concentration 0.8 mg/ml after reconstitution
<b>RRID</b>	AB_616828
<b>Specificity</b>	<b>Donkey anti goat IgG antibody</b> recognizes goat immunoglobulin G. This antibody has been absorbed against human, rabbit, rat, horse, guinea pig, hamster, chicken and mouse to minimize naturally occurring cross reactivities.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Maas, C. <i>et al.</i> (2010) Activated factor V is a cofactor for the activation of factor XI by thrombin in plasma. <a href="#">Proc Natl Acad Sci U S A. 2010 May 18;107(20):9083-7.</a></li> <li>2. Rau, J.C.<i>et al.</i> (2009) Heparin cofactor II in atherosclerotic lesions from the Pathobiological Determinants of Atherosclerosis in Youth (PDAY) study. <a href="#">Exp Mol Pathol. 87: 178-83.</a></li> <li>3. Guitton, C. <i>et al.</i> (2011) Protective cross talk between activated protein C and TNF signaling in vascular endothelial cells: implication of EPCR, noncanonical NF-κB, and ERK1/2 MAP kinases. <a href="#">Am J Physiol Cell Physiol. 300: C833-42.</a></li> <li>4. Elders, R.C. <i>et al.</i> (2014) Recombinant canine IgE Fc and an IgE Fc-TRAIL fusion protein bind to neoplastic canine mast cells. <a href="#">Vet Immunol Immunopathol. 159 (1-2): 29-40.</a></li> <li>5. Riesbeck, K. &amp; Forsgren, A. (2016) Interaction of <i>Moraxella catarrhalis</i> with Epithelial Cells, Extracellular Matrix Proteins and the Complement System. <a href="#">Patent Application Publication No. 20160318979</a></li> <li>6. Tamarozzi, F. <i>et al.</i> (2014) A lack of confirmation with alternative assays questions the validity of IL-17A expression in human neutrophils using immunohistochemistry. <a href="#">Immunol Lett. 162 (2 Pt B): 194-8.</a></li> <li>7. Nicol, M.Q. <i>et al.</i> (2019) Lack of IFNγ signaling attenuates spread of influenza A virus in vivo and leads to reduced pathogenesis. <a href="#">Virology. 526: 155-64.</a></li> </ol>
<b>Storage</b>	<p>Prior to reconstitution store at +4°C.</p> <p>After reconstitution store at -20°C.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10363 available at: <a href="https://www.bio-rad-antibodies.com/SDS/OBT1500P">https://www.bio-rad-antibodies.com/SDS/OBT1500P</a></p> <p>10363</p>
<b>Regulatory</b>	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+ \(BUF054A\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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)  
'M378970:210319'

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