Datasheet: OBT1500P

BATCH NUMBER 172860

Description:	DONKEY ANTI GOAT IgG:HRP (MULTI SPECIES ADSORBED)
Specificity:	IgG
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Goat
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilized
Reconstitution	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.
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	1.5% Bovine Serum Albumin

Approx. Protein Concentrations	Current, batch-specific concentration 0.8 mg/ml after reconstitution
RRID	AB_616828
Specificity	**Donkey anti goat IgG antibody** 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.
References	1. Maas, C. *et al.* (2010) Activated factor V is a cofactor for the activation of factor XI by thrombin in plasma. Proc Natl Acad Sci U S A. 2010 May 18;107(20):9083-7. 2. Rau, J.C.*et al.* (2009) Heparin cofactor II in atherosclerotic lesions from the Pathobiological Determinants of Atherosclerosis in Youth (PDAY) study. Exp Mol Pathol. 87: 178-83. 3. Guitton, C. *et al.* (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. Am J Physiol Cell Physiol. 300: C833-42. 4. Elders, R.C. *et al.* (2014) Recombinant canine IgE Fc and an IgE Fc-TRAIL fusion protein bind to neoplastic canine mast cells. Vet Immunol Immunopathol. 159 (1-2): 29-40. 5. Tamarozzi, F. *et al.* (2014) A lack of confirmation with alternative assays questions the validity of IL-17A expression in human neutrophils using immunohistochemistry. Immunol Lett. 162 (2 Pt B): 194-8. 6. Nicol, M.Q. *et al.* (2019) Lack of IFNγ signaling attenuates spread of influenza A virus in vivo and leads to reduced pathogenesis. Virology. 526: 155-64. 7. Hardisty, G. *et al.* (2024) Latent gammaherpesvirus infection enhances type I IFN response and reduces virus spread in an influenza A virus co-infection model. J Gen Virol. 8 Feb [Epub ahead of print].
Storage	This product is shipped at ambient temperature. Prior to reconstitution store at +4^{o}C. After reconstitution store at -20^{o}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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10363 available at: https://www.bio-rad-antibodies.com/SDS/OBT1500P
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
'M441537:250523'

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