

Datasheet: OBT1172

**BATCH NUMBER 161615**

<b>Description:</b>	GOAT ANTI MOUSE IgG (MULTI-SPECIES ADSORBED):Alk. Phos.
<b>Specificity:</b>	IgG (H/L)
<b>Format:</b>	Alk. Phos.
<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
Immunohistology - Frozen	▪			1/200 - 1/1000
ELISA	▪			1/2000 - 1/10,000
Western Blotting	▪			1/500 - 1/2500

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

### Cross-adsorbed species

Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat, Sheep

### Product Form

Purified IgG conjugated to Alkaline Phosphatase - liquid

### Antiserum Preparation

Antiserum to mouse IgG was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on mouse IgG coupled agarose beads followed by solid phase adsorption to remove any unwanted reactivities.

### Buffer Solution

0.05M TRIS Chloride  
 0.15M NaCl  
 0.001M MgCl<sub>2</sub>  
 0.0001M ZnCl<sub>2</sub>  
 50% (v/v) Glycerol; pH8.0

<b>Preservative</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Mouse IgG whole molecule.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01868</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01869</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01843</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01845</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01867</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01865</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01863</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01864</a>    <a href="#">Related reagents</a></p> <p><a href="#">P03987</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01844</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01837</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">16017</a>    Ighg1    <a href="#">Related reagents</a></p> <p><a href="#">16017</a>    Ighg1    <a href="#">Related reagents</a></p> <p><a href="#">16016</a>    Ighg2b    <a href="#">Related reagents</a></p> <p><a href="#">110787</a>    Iglc3    <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a    <a href="#">Related reagents</a></p> <p><a href="#">433053</a>    LOC433053    <a href="#">Related reagents</a></p> <p><a href="#">16071</a>    Ighk-C    <a href="#">Related reagents</a></p> <p><a href="#">110786</a>    Iglc2    <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a    <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a    <a href="#">Related reagents</a></p> <p><a href="#">380795</a>    AI324046    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Igh-4
<b>RRID</b>	AB_619827
<b>Specificity</b>	<b>Goat anti Mouse IgG antibody</b> recognises Mouse IgG. Cross-reactivity with Bovine, Chicken, Goat, Guinea pig, Hamster, Horse, Human, Rabbit, Rat or Sheep immunoglobulin has been minimised by solid phase absorption.
<b>References</b>	1. Tien, N.Q <i>et al.</i> (2021) Transient Expression of Chi42 Genes from <i>Trichoderma asperellum</i> . in <i>Nicotiana benthamiana</i> . by Agroinfiltration. <a href="#">Int J Agric Biol. 26 (01): 177-84.</a>

<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10063 available at: <a href="https://www.bio-rad-antibodies.com/SDS/OBT1172">https://www.bio-rad-antibodies.com/SDS/OBT1172</a> 10063
<b>Regulatory</b>	For research purposes only

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'M415438:221222'

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