

Datasheet: OBT1172

Description:	GOAT ANTI MOUSE IgG (MULTI-SPECIES ADSORBED):Alk. Phos.
Specificity:	IgG (H/L)
Format:	Alk. Phos.
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
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 ₂ 0.0001M ZnCl ₂ 50% (v/v) Glycerol; pH8.0
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Preservative 0.1% Sodium Azide (NaN₃)
Stabilisers 1% Bovine Serum Albumin

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen Mouse IgG whole molecule.

External Database Links

UniProt:

[P01868](#) [Related reagents](#)
[P01869](#) [Related reagents](#)
[P01843](#) [Related reagents](#)
[P01845](#) [Related reagents](#)
[P01867](#) [Related reagents](#)
[P01865](#) [Related reagents](#)
[P01863](#) [Related reagents](#)
[P01864](#) [Related reagents](#)
[P03987](#) [Related reagents](#)
[P01844](#) [Related reagents](#)
[P01837](#) [Related reagents](#)

Entrez Gene:

[16017](#) Ighg1 [Related reagents](#)
[16017](#) Ighg1 [Related reagents](#)
[16016](#) Ighg2b [Related reagents](#)
[110787](#) Iglc3 [Related reagents](#)
[380793](#) Igh-1a [Related reagents](#)
[433053](#) LOC433053 [Related reagents](#)
[16071](#) Igh-C [Related reagents](#)
[110786](#) Iglc2 [Related reagents](#)
[380793](#) Igh-1a [Related reagents](#)
[380793](#) Igh-1a [Related reagents](#)
[380795](#) AI324046 [Related reagents](#)

Synonyms Igh-4

RRID AB_619827

Specificity **Goat anti Mouse IgG antibody** 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.

References 1. Tien, N.Q *et al.* (2021) Transient Expression of Chi42 Genes from *Trichoderma asperellum*. in *Nicotiana benthamiana*. by Agroinfiltration. [Int J Agric Biol. 26 \(01\): 177-84.](#)

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

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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://www.bio-rad-antibodies.com/datasheets)
'M415438:221222'

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