Datasheet: 0500-0100

Description:	GOAT ANTI HUMAN IgG F(ab')2:Alk. Phos.
Specificity:	IgG F(ab')2
Format:	Alk. Phos.
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
ELISA	▪			1/1,000 - 1/10,000
Western Blotting	▪			1/1,000 - 1/10,000

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 the appropriate negative/positive controls.

Target Species

Human

Product Form

Purified IgG conjugated to Alkaline Phosphatase - liquid

Preparation

Purified IgG prepared by affinity chromatography

Buffer Solution

TRIS buffered saline

Preservative Stabilisers

<0.1% Sodium Azide (NaN_3)
1.5% Bovine Serum Albumin

Approx. Protein Concentrations

IgG concentration 0.6 mg/ml

Immunogen

Human serum.

External Database Links

UniProt:

P01857 Related reagents

P01861	Related reagents
P01834	Related reagents
P01859	Related reagents
P01860	Related reagents
P0CG04	Related reagents

Entrez Gene:

3500	IGHG1	Related reagents
3503	IGHG4	Related reagents
3501	IGHG2	Related reagents
3502	IGHG3	Related reagents
3514	IGKC	Related reagents
28815	IGLV2-14	Related reagents

RRID	AB_616682
Specificity	**Goat anti Human IgG F(ab')2 antibody** will recognize both the heavy and light chains of the F(ab')2 portion of human IgG by IEP. This product will also react with light chains from other human immunoglobulin types. This antibody has been cross adsorbed against the Fc domain and will react with less than 1 % of the Fc domain of human IgG. **This peroxidase-labelled antibody is a performance tested, matched reagent for HuCAL antibodies.**
References	1. Ohashi, M. *et al.* (2010) Post-translational modification of the NKG2D ligand RAET1G leads to cell surface expression of a glycosylphosphatidylinositol-linked isoform. J Biol Chem. 285 (22): 16408-15. 2. Wang, Y. *et al.* (2011) Small interfering RNA knocks down the molecular target of alendronate, farnesyl pyrophosphate synthase, in osteoclast and osteoblast cultures. Mol Pharm. 8 (4): 1016-24. 3. Back, J.W. *et al.* (2012) Selecting highly structure-specific antibodies using structured synthetic mimics of the cystine knot protein sclerostin. Protein Eng Des Sel. 25 (5): 251-9. 4. Thiede-Stan, N.K. *et al.* (2015) Tetraspanin-3 is an organizer of the multi-subunit Nogo-A signaling complex. J Cell Sci. 128 (19): 3583-96. 5. Mukbel, R.M. *et al.* (2016) Human immune response to salivary proteins of wild-caught *Phlebotomus papatasi*. Parasitol Res. 115 (9): 3345-55.
Storage	Stable for 6 weeks at 4ºC as an undiluted liquid. For longer term storage (>6 weeks) please add an equal volume of glycerol and store at -20ºC. Avoid freeze-thaw cycles.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/0500-0100 10058
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

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