

Datasheet: 0500-0099

Description:	GOAT ANTI HUMAN IgG F(ab') ₂ :HRP
Specificity:	IgG F(ab') ₂
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
ELISA	▪			1/5,000 - 1/100,000
Western Blotting	▪			1/10,000 - 1/200,000

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 Horseradish Peroxidase (HRP) - liquid
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative	0.01% Thiomersal
Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 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

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. 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.](#)
2. 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.](#)
3. 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.](#)
4. Mukbel, R.M. *et al.* (2016) Human immune response to salivary proteins of wild-caught *Phlebotomus papatasi*. [Parasitol Res. 115 \(9\): 3345-55.](#)
5. 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.](#)

Storage

Store at +4°C or at -20°C if preferred.
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. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10095 available at:
10095: <https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf>

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+ \(BUF054A\)](#)

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