

Datasheet: 0500-0099

**BATCH NUMBER 173060**

<b>Description:</b>	GOAT ANTI HUMAN IgG F(ab') <sub>2</sub> :HRP
<b>Specificity:</b>	IgG F(ab') <sub>2</sub>
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Thiomersal 1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Human serum.
<b>External Database Links</b>	<b>UniProt:</b>

<a href="#">P01857</a>	<a href="#">Related reagents</a>
<a href="#">P01861</a>	<a href="#">Related reagents</a>
<a href="#">P01834</a>	<a href="#">Related reagents</a>
<a href="#">P01859</a>	<a href="#">Related reagents</a>
<a href="#">P01860</a>	<a href="#">Related reagents</a>
<a href="#">P0CG04</a>	<a href="#">Related reagents</a>

**Entrez Gene:**

<a href="#">3500</a>	IGHG1	<a href="#">Related reagents</a>
<a href="#">3503</a>	IGHG4	<a href="#">Related reagents</a>
<a href="#">3501</a>	IGHG2	<a href="#">Related reagents</a>
<a href="#">3502</a>	IGHG3	<a href="#">Related reagents</a>
<a href="#">3514</a>	IGKC	<a href="#">Related reagents</a>
<a href="#">28815</a>	IGLV2-14	<a href="#">Related reagents</a>

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**RRID** AB\_619880

**Specificity** **Goat anti Human IgG F(ab')<sub>2</sub> antibody** will recognize both the heavy and light chains of the F(ab')<sub>2</sub> 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.**

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**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.](#)

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information**      Material Safety Datasheet documentation #10095 available at:  
<https://www.bio-rad-antibodies.com/SDS/0500-0099>

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**Regulatory**                      For research purposes only

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## 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](http://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](http://bio-rad-antibodies.com/datasheets)

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