Datasheet: 5211-8004

Description:	GOAT ANTI HUMAN IgG (Fc)
Specificity:	IgG (Fc)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	2 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			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/20,000
Immunoprecipitation	▪			
Western Blotting	▪			1/10,000 - 1/50,000

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 - liquid
Preparation	Immunoaffinity chromatography using human IgG coupled to agarose beads
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN_3)
Approx. Protein Concentrations	4.0 mg/ml
Immunogen	Human IgG (Fc) fragment.

External Database Links	**UniProt:** P01857 Related reagents P01859 Related reagents P01861 Related reagents P01860 Related reagents **Entrez Gene:** 3500 IGHG1 Related reagents 3501 IGHG2 Related reagents 3502 IGHG3 Related reagents 3503 IGHG4 Related reagents
RRID	AB_617100
Specificity	**Goat anti Human IgG (Fc) antibody** recognizes human IgG (Fc). Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, human IgG, human IgG F(c)and human serum. Goat anti Human IgG (Fc) antibody does not recognize human IgG $F(ab')_2$
References	1. Zeman, D. *et al.* (2012) Detection of oligoclonal IgG kappa and IgG lambda bands in cerebrospinal fluid and serum with Hevylite™ antibodies. comparison with the free light chain oligoclonal pattern. Fluids Barriers CNS. 9: 5. 2. Thaventhiran T *et al.* (2014) Failure to upregulate cell surface PD-1 is associated with dysregulated stimulation of T cells by TGN1412-like CD28 superagonist. MAbs. 6 (5): 1290-9. 3. Parker, S. *et al.* (2021) A human recombinant analogue to plasma-derived vaccinia immunoglobulin prophylactically and therapeutically protects against lethal orthopoxvirus challenge. Antiviral Res. 195: 105179.
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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/5211-8004 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) FITC, HRP

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	**Worldwide**	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	**Europe**	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

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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