

Datasheet: 5211-8104

Description:	GOAT ANTI HUMAN IgG (Fc):Alk. Phos.
Specificity:	IgG (Fc)
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 - 1/1,000
Immunohistology - Paraffin			▪	
ELISA	▪			1/5,000 - 1/20,000
Western Blotting	▪			1/500 - 1/2,000

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 from monospecific antiserum by immunoaffinity chromatography
Buffer Solution	TRIS buffered saline 0.001M Magnesium Chloride 0.0001M Zinc Chloride
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃) 50% Glycerol 1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Human IgG Fc fragment.
External Database Links	UniProt: P01860 Related reagents P01857 Related reagents

[P01859](#) [Related reagents](#)

[P01861](#) [Related reagents](#)

Entrez Gene:

[3502](#) IGHG3 [Related reagents](#)

[3500](#) IGHG1 [Related reagents](#)

[3501](#) IGHG2 [Related reagents](#)

[3503](#) IGHG4 [Related reagents](#)

Specificity **Goat anti Human IgG (Fc) antibody conjugated to Alkaline Phosphatase** recognizes the Fc fragment of the human IgG heavy chain.

Immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, human IgG, human IgG (Fc) and human serum. No reaction was observed against 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.](#)

Storage Store at +4°C. DO NOT FREEZE.
This product should be stored undiluted.

Shelf Life 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10530 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10530.pdf>

Regulatory For research purposes only

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