

Datasheet: 5211-8104

BATCH NUMBER 168360

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	0.05M TRIS Chloride 0.15M NaCl 0.001M MgCl ₂ 0.0001M ZnCl ₂ 50% (v/v) Glycerol; pH8.0
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

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](#)

RRID AB_619807

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

Immuno-electrophoresis 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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10063 available at: <https://www.bio-rad-antibodies.com/SDS/5211-8104>
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Regulatory For research purposes only

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

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