

Datasheet: 204005

Description:	GOAT ANTI HUMAN IgG:HRP
Specificity:	IgG
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 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
Immunohistology - Frozen	▪			
ELISA	▪			1/4,000 - 1/8,000
Immunoblotting	▪			

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 appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Antiserum Preparation Antisera to human IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Normal human IgG and human IgG paraproteins

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](#)

Specificity	Goat anti Human IgG antibody reacts with the heavy chain of human IgG and has been cross-absorbed with human IgM, IgD and IgA, but may recognise IgG from other species.
References	1. Lund K <i>et al.</i> (2014) The novel EpCAM-targeting monoclonal antibody 3-171 linked to saporin is highly cytotoxic after photochemical internalization in breast, pancreas and colon cancer cell lines. MAbs. 6 (4): 1038-50. 2. Gilbert, A. (2013) Humoral immune response to melanoma: discovery and evaluation of anti-melanoma antibodies PhD. Thesis KCL UK.
Storage	Store at -20°C only. 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	Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10106 available at: 10106: https://www.bio-rad-antibodies.com/uploads/MSDS/10106.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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