

Datasheet: MCA516P

Description:	MOUSE ANTI HUMAN IgG3 (HINGE REGION):HRP
Specificity:	IgG3 (HINGE REGION)
Format:	HRP
Product Type:	Monoclonal Antibody
Clone:	HP6050
Isotype:	IgG1
Quantity:	1 ml

Product Details

RRID AB_321843

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	▪			1/4000 - 1/10,000
Western Blotting	▪			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species Human

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

Preparation Purified IgG prepared from ascites

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 50% Glycerol

Immunogen Pool of 5-6 individually purified Human IgG3 myeloma proteins.

External Database Links

UniProt:
[P01860](#) [Related reagents](#)

Entrez Gene:
[3502](#) IGHG3 [Related reagents](#)

Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse Sp2/0 - Ag14/X myeloma cell line.
Specificity	Mouse anti Human IgG3 antibody, clone HP6050 recognizes the hinge region of the heavy chain of human IgG3.
References	<ol style="list-style-type: none"> 1. Jefferis, R. <i>et al.</i> (1985) Evaluation of monoclonal antibodies having specificity for human IgG sub-classes: results of an IUIS/WHO collaborative study. Immunol Lett. 10 (3-4): 223-52. 2. Jefferis, R. & Kumararatne, D.S. (1990) Selective IgG subclass deficiency: quantification and clinical relevance. Clin Exp Immunol. 81 (3): 357-67. 3. Mutapi, F. <i>et al.</i> (2002) The effect of treatment on the age-antibody relationship in children infected with <i>Schistosoma mansoni</i> and <i>Schistosoma haematobium</i>. Mem Inst Oswaldo Cruz. 97 Suppl 1: 173-80.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	Guaranteed until date of expiry. Please see product label.
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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