

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

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	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	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. 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.
Shelf Life	Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet documentation #10106 available at 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+ \(BUF054A\)](#)

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

'M314615:180412'

Printed on 13 Apr 2018