

Datasheet: MCA515G

Description:	MOUSE ANTI HUMAN IgG2
Specificity:	IgG2 (Fab)
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	HP6014
Isotype:	IgG1
Quantity:	0.2 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
Flow Cytometry			■	
Immunohistology - Frozen	■			
Immunohistology - Paraffin			■	
ELISA	■			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. 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 - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified Human IgG2
External Database Links	UniProt: P01859 Related reagents Entrez Gene: 3501 IGHG2 Related reagents

Specificity	Mouse anti Human IgG2 antibody, clone HP6014 reacts with human IgG2 at an epitope localised to the Fab region. Will not cross-react with IgG1, IgG3, IgG4, free kappa, free lambda, IgM, IgA1, IgA2 or IgD as tested by haemagglutination assays.
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. Immunology Letters 10: 223-252. 2. Hussain, R. <i>et al.</i> (1986) Use of monoclonal antibodies to quantify subclasses of human IgG. J. Immunol. Methods 93: 89-96. 3. Jefferis, R. <i>et al.</i> (1990) Selective IgG subclass deficiency: quantification and clinical relevance. Clin. Exp. Immunol. 81: 357-367. 4. 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	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10040 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Human Anti Mouse IgG1 (HCA036...)	HRP

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

'M314550:180412'

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