Datasheet: 5172-6004

BATCH NUMBER 1803

Description:	MOUSE ANTI HUMAN IgG
Specificity:	IgG
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	B33/20
Isotype:	IgG1
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
ELISA	▪			

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 - liquid
Preparation	Purified IgG prepared by ProSep G chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN_3)
Carrier Free	Yes
Approx. Protein Concentrations	1.0 mg/ml
Immunogen	Purified human IgG.

External Database Links	**UniProt:**	
	P01857	Related reagents
	P01859	Related reagents
	P01861	Related reagents
	P01857	Related reagents
	P01859	Related reagents
	P01861	Related reagents
	P01860	Related reagents
	P01860	Related reagents

Entrez Gene:

	3500	IGHG1	Related reagents
	3501	IGHG2	Related reagents
	3500	IGHG1	Related reagents
	3501	IGHG2	Related reagents
	3503	IGHG4	Related reagents
	3503	IGHG4	Related reagents
	3502	IGHG3	Related reagents
	3502	IGHG3	Related reagents

RRID	AB_617307
Fusion Partners	Spleen cells from immunised Balb/C mice were fused with cells of the Sp2/O-Ag14 myeloma cell line.
Specificity	**Mouse anti Human IgG antibody, clone B33/20** is reactive with all subclasses of Gamma heavy chain (Cgamma-2). Mouse anti Human IgG antibody, clone B33/20 has not been species cross adsorbed and may cross react with immunoglobulins from other species.
References	1. Poussin C *et al.* (2014) Mechanism of an indirect effect of aqueous cigarette smoke extract on the adhesion of monocytic cells to endothelial cells in an *in vitro* assay revealed by transcriptomics analysis. Toxicol In Vitro. 28 (5): 896-908.
Storage	Store at +4°C or at -20°C if preferred. 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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/5172-6004 10040

Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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