

Mouse IgG Monoclonal Antibody | anti-IgG antibody

MOUSE ANTI HUMAN IgG (CH2 DOMAIN)

CATALOG # AAA50104	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

IgG; Monoclonal Antibody; MOUSE ANTI HUMAN IgG (CH2 DOMAIN); anti-IgG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	R10Z8E9
Specificity	Mouse anti Human IgG (CH2 Domain), clone R10Z8E9 recognises Human IgG. Clone R10Z8E9 appears to be specific to Human IgG and been demonstrated by ELISA not to recognise IgG from Non-Human Primate species (Baboon, Marmoset, Rhesus and Cynomologus macaques), nor does it recognize mouse or rat immunoglobulin. NB: This reagent may not be used for the detection of therapeutic antibodies from samples obtained from experimental animals without prior consent by the owner of EP 1 853 921 (F. Hoffmann-La Roche AG, Basel, Switzerland) and /or US 7,955,806 (HOFFMANN-LA ROCHE, INC., Nutley, NJ).
Form/Format	Purified IgG - liquid; Phosphate buffered saline
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	326
Applicable Applications for anti-IgG antibody	ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the NS0 myeloma cell line.
Species Cross Reactivity	Does not react with: Mouse, Rat, Cynomolgus monkey, Baboon, Marmoset, Rhesus Monkey.
Immunogen	Polyclonal Human IgG
Target Species	Human
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

ADDITIONAL INFORMATION

Related Product Information for anti-IgG antibody	MBS224393 recognises Human IgG. Clone R10Z8E9 appears to be specific to Human IgG and been demonstrated by ELISA not to recognise IgG from Non-Human Primate species (Baboon, Marmoset, Rhesus and Cynomologus macaques), Mouse and Rat. NB.: This reagent may not be used for the detection of therapeutic antibodies from samples obtained from experimental animals without prior consent by the owner of EP 1 853 921 (F. Hoffmann-La Roche AG, Basel, Switzerland) and /or US 7,955,806 (HOFFMANN-LA ROCHE, INC., Nutley, NJ)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218512079
NCBI GeneID	3501
UniProt Accession #	P01857; A6NE66; P01859
NCBI Official Full Name	Ig gamma-2 chain C region, partial
NCBI Official Synonym Full Names	immunoglobulin heavy constant gamma 2 (G2m marker)
NCBI Official Symbol	IGHG2
UniProt Protein Name	Ig gamma-2 chain C region
UniProt Gene Name	IGHG2
UniProt Entry Name	IGHG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/igg-antibody-clone-r10z8e9-elisa/50104>