

Mouse anti-Human IgG Monoclonal Antibody | anti-IgG antibody

Human IgG Monoclonal Antibody [B33/20]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59571	Mouse	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

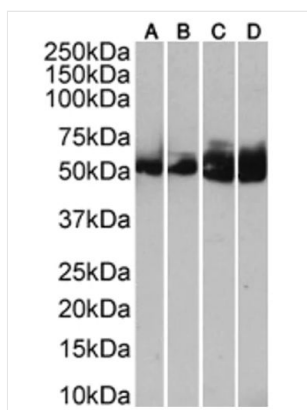
PRODUCT SYNONYMS

IgG; Monoclonal Antibody; Human IgG Monoclonal Antibody [B33/20]; anti-IgG antibody

PRODUCT SPECIFICATIONS

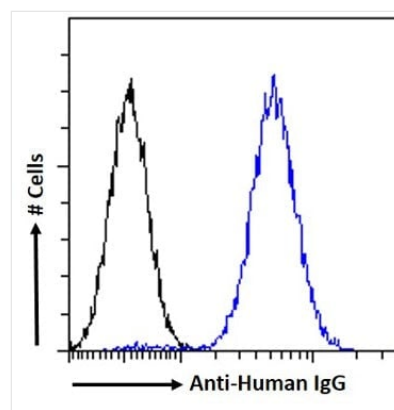
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	B33/20
Purity/Purification	Protein A purified
Form/Format	Purified antibody (from supernatant) containing PBS + 0.1% sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IgG antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified human IgG
Target Antigen	IgG. Binds to the CH2 region of Human IgG.
Pubmed ID	24747719

IMAGES



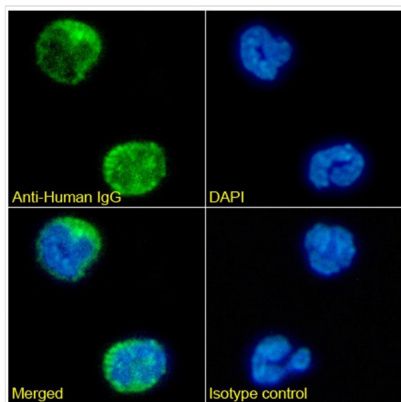
Application Data

0.001ug/ml staining in human spleen(A), human tonsil(B) tissue lysates and (0.0001ug/ml) staining in human plasma(C) and serum(D)(35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



FCM/FACS (Flow Cytometry)

Blue line: Flow cytometric analysis of human peripheral blood leukocytes. Primary incubation 1hr (1:50-1:100 dilution) followed by Alexa Fluor 488 conjugated goat Anti-mouse IgG (1:1000 dilution). Black line: Anti-Fluorescein isotype control



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes immobilized on Shi-fix cover-slips. Primary incubation 1hr (1:50-1:100 dilution) followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane staining. The nuclear stain is DAPI (blue). Isotype control: Anti-Fluorescein followed by Alexa Fluor 488 secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	121039
NCBI GeneID	3500
UniProt Accession #	P01857
Molecular Weight	150,000
NCBI Official Full Name	Ig gamma-1 chain C region
NCBI Official Synonym Full Names	immunoglobulin heavy constant gamma 1 (G1m marker)
NCBI Official Symbol	IGHG1
UniProt Protein Name	Ig gamma-1 chain C region
UniProt Gene Name	IGHG1
UniProt Entry Name	IGHG1_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-b33-20-immunohistochemistry-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/59571>