

anti-Human IgG4 Monoclonal Antibody | anti-IgG4 antibody

Human IgG4 Rabbit mAb

CATALOG # AAA314587	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

IgG4; Monoclonal Antibody; Human IgG4 Rabbit mAb; Ig gamma 4 chain C region; IGHG4; IGG4; anti-IgG4 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S08-6H4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-IgG4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IgG4
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical of IgG4 in Human tonsil tissue using IgG4 antibody at dilution 1/50


WB (Western Blot)

Western blot detection of IgG4 in HL-60, U2OS cell lysates using IgG4 Rabbit mAb(1:1000 diluted). Observed band size: 36kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-IgG4 antibody	IgG4 antibodies will dominate the IgG response in schistosomiasis, lymphatic filariasis, and in patients after allergen immunotherapy. Unlike the other IgG subclasses, IgG4 does not activate complement. A combined IgA-IgG4 deficiency has been associated with recurrent pyogenic infections.
Product Categories/Family for anti-IgG4 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	121047
NCBI GeneID	3503
UniProt Accession #	P01861
Molecular Weight	146,000
NCBI Official Full Name	Ig gamma-4 chain C region
NCBI Official Synonym Full Names	immunoglobulin heavy constant gamma 4 (G4m marker)
NCBI Official Symbol	IGHG4
UniProt Protein Name	Ig gamma-4 chain C region
UniProt Gene Name	IGHG4
UniProt Entry Name	IGHG4_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/igg4-antibody-clone-s08-6h4-immunohistochemistry-western-blot-elisa/314587>