

Rabbit anti-Human IgG4 Monoclonal Antibody | anti-IgG4 antibody

IgG4 Antibody

CATALOG # AAA312232	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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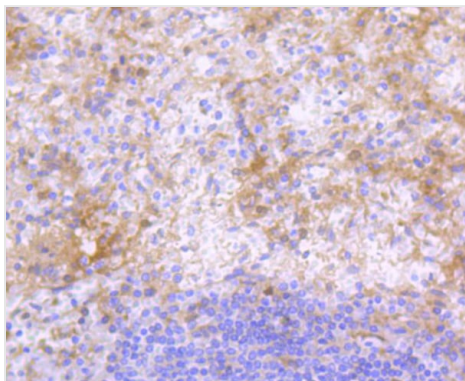
PRODUCT SYNONYMS

IgG4; Monoclonal Antibody; IgG4 Antibody; Ig gamma 4 chain C region antibody; IGHG4 antibody; Immunoglobulin heavy constant gamma 4 (G4m marker) antibody; MGC117419 antibody; anti-IgG4 antibody

PRODUCT SPECIFICATIONS

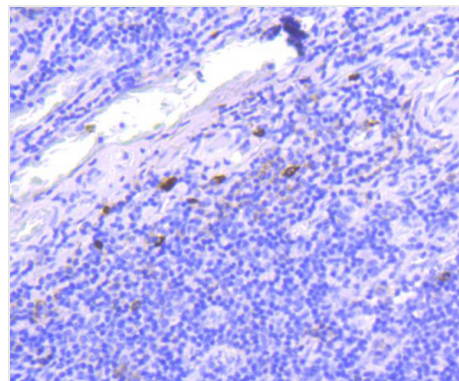
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	ST05-12
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-IgG4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



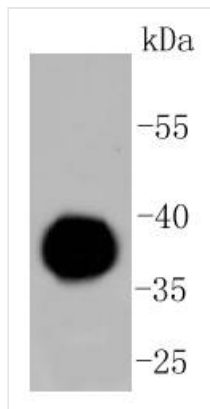
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-IgG4 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-IgG4 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of IgG4 on human plasma lysates using anti-IgG4 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IgG4 antibody	The regions of relatively constant sequence beyond the variable regions of immunoglobulins are termed constant regions (C regions) and are present in both the heavy and light chains. With very few exceptions, the sites of attachment for carbohydrates on immunoglobulins are located in these C regions. These regions also function to hold the variable regions together by using the disulfide bond between them. The C regions facilitate interaction with the antigen by increasing the maximum rotation of the immunoglobulin arms. Several studies have shown that a large population of patients with recurrent respiratory tract infection have low IgG4 concentrations.
Product Categories/Family for anti-IgG4 antibody	Total protein Ab

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-st05-12-immunohistochemistry-western-blot-elisa/312232>