

IgG4 recombinant antibody

Recombinant Anti-IgG4 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266343	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

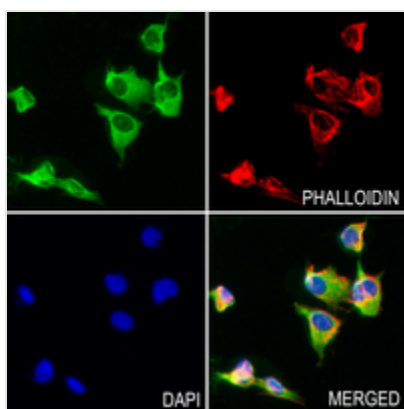
PRODUCT SYNONYMS

IgG4; Monoclonal Recombinant Antibody; Recombinant Anti-IgG4 Rabbit mAb; Ig gamma-4 chain C region; IgG4 recombinant antibody

PRODUCT SPECIFICATIONS

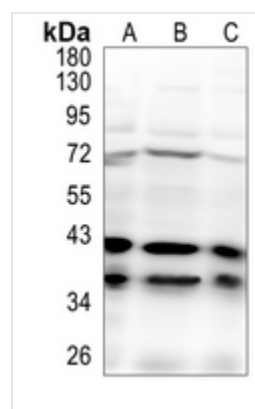
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of IgG4 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for IgG4 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human IgG4. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of IgG4 staining in COS7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of IgG4 expression in HEK293T (A), K562 (B), HCT116 (C) whole cell lysates. (Predicted band size: 35; 43 kD; Observed band size: 36 kD)

ADDITIONAL INFORMATION

Related Product Information for IgG4 recombinant antibody	Recombinant rabbit monoclonal antibody to IgG4
Product Categories/Family for IgG4 recombinant 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-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266343>