

Mouse anti-Human, Rat PGGT1B Monoclonal Antibody | anti-PGGT1B antibody

PGGT1B (Geranylgeranyl Transferase Type-1 Subunit beta, Geranylgeranyl Transferase Type I Subunit beta, GGTase-I-beta, Type I Protein Geranyl-Geranyltransferase Subunit beta) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25197	Mouse	Human, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PGGT1B; Monoclonal Antibody; PGGT1B (Geranylgeranyl Transferase Type-1 Subunit beta; Geranylgeranyl Transferase Type I Subunit beta; GGTase-I-beta; Type I Protein Geranyl-Geranyltransferase Subunit beta) (FITC); anti-PGGT1B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	5E4
Specificity	Recognizes human PGGT1B. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Sequence Length	377
Applicable Applications for anti-PGGT1B antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1-106 from human PGGT1B (NP_005014) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MVATEDERLAGSGEGERLDFLRDRHVRFFQRCLQVLPERYSSLETSRLTIAFFALSGLDMLDSLDDVNVKDDIIEWIYSLQVLPTEDRSNLNRGFRGSSYL
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



Application Data

Detection limit for recombinant GST tagged PGGT1B is ~1ng/ml as a capture antibody.



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to PGGT1B on HeLa cell. [antibody concentration 10ug/ml]



IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to PGGT1B on formalin-fixed paraffin-embedded human kidney. [antibody concentration 1.2ug/ml]



WB (Western Blot)

PGGT1B monoclonal antibody Western Blot analysis of PGGT1B expression in PC-12.



WB (Western Blot)

PGGT1B monoclonal antibody Western Blot analysis of PGGT1B expression in HeLa.



WB (Western Blot)

Western Blot detection against Immunogen (37.29kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PGGT1B antibody	Antibodies; Enzymes
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167860116
NCBI Accession #	NP_005014
NCBI GenBank Nucleotide #	NM_005023
UniProt Accession #	P53609
NCBI Official Full Name	geranylgeranyl transferase type-1 subunit beta
UniProt Protein Name	Geranylgeranyl transferase type-1 subunit beta
UniProt Gene Name	PGGT1B
UniProt Entry Name	PGTB1_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/pggt1b-antibody-clone-5e4-immunofluorescence-immunohistochemistry-western-blot-elisa/25197>