

Mouse anti-Human, Mouse Rab25 Antibody | anti-Rab25 antibody

Rab25 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108768	Mouse	Human, Mouse	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

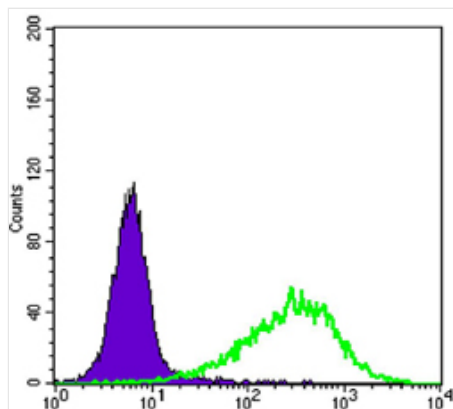
PRODUCT SYNONYMS

Rab25; Rab25 Antibody; CATX-8; RAB25; anti-Rab25 antibody

PRODUCT SPECIFICATIONS

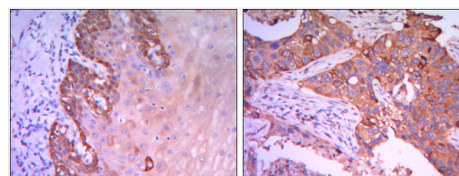
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	3F12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	213
Applicable Applications for anti-Rab25 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of Rab25 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



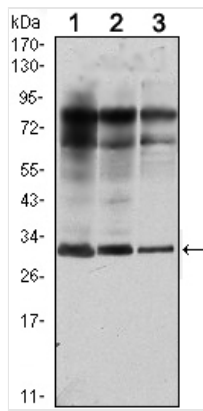
FCM/FACS (Flow Cytometry)

Figure 3. Flow cytometric analysis of NIH/3T3 cells using Rab25 mouse mAb (green) and negative control



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded esophagus tissues (left) and human lung cancer (right) using Rab25 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using Rab25 mouse mAb against MCF-7 (1), T47D (2) and GC7901 (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Rab25 antibody	Members of the Ras-related superfamily of GTP binding proteins, which includes Ras, Rho, Rab and ARF subfamilies, exhibit 30-50% similarity with Ras p21. Rab proteins play an important role for either in endocytosis or in biosynthetic protein transport. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40% similar to Rab proteins, is associated with secretory vesicles. Rab proteins located on the cytoplasmic face of organelles and vesicles, rab proteins are involved in intracellular membrane fusion reactions. Rab25 was cloned from a gastric parietal cell cDNA library and is expressed in epithelial tissues such as the gastrointestinal mucosae, kidney, and lung, which encoded a protein of 28 kDa.
Product Categories/Family for anti-Rab25 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	116812567
NCBI GeneID	57111
NCBI Accession #	NP_065120.2
NCBI GenBank Nucleotide #	NM_020387.3
UniProt Accession #	P57735; Q5VYA2; Q8NG24; Q96GB1; Q9BT12
Molecular Weight	24kDa
NCBI Official Full Name	ras-related protein Rab-25
NCBI Official Synonym Full Names	RAB25, member RAS oncogene family
NCBI Official Symbol	RAB25
NCBI Official Synonym Symbols	CATX-8; RAB11C
NCBI Protein Information	ras-related protein Rab-25
UniProt Protein Name	Ras-related protein Rab-25
UniProt Gene Name	RAB25

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/mouse-human-mouse-antibody/rab25/108768>