



Rab 25 Monoclonal Antibody

Catalog No	YP-Ab-16102
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;FCM;ELISA
Gene Name	RAB25
Protein Name	Ras-related protein Rab-25
Immunogen	Purified recombinant fragment of Rab 25 expressed in E. Coli.
Specificity	Rab 25 Monoclonal Antibody detects endogenous levels of Rab 25 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. Flow cytometry: 1/200 - 1/400. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RAB25; CATX8; Ras-related protein Rab-25; CATX-8
Observed Band	
Cell Pathway	Cell membrane ; Lipid-anchor ; Cytoplasmic side . Cell projection, pseudopodium membrane . Cytoplasmic vesicle . Colocalizes with integrin alpha-V/beta-1 in vesicles at the pseudopodial tips. .
Tissue Specificity	Expressed in ovarian epithelium (NOE) and breast tissue. Expressed in ovarian cancer; expression is increased relative to NOE cells. Expression in ovarian cancer is stage dependent, with stage III and stage IV showing higher levels than early stage cancers. Expressed in breast cancer; expression is increased relative to normal breast tissue.
Function	function:May selectively regulate the apical recycling and/or transcytotic pathways.,similarity:Belongs to the small GTPase superfamily. Rab family.,subunit:Interacts with RAB11FIP1, RAB11FIP2, RAB11FIP3 and RAB11FIP4.,
Background	The protein encoded by this gene is a member of the RAS superfamily of small GTPases. The encoded protein is involved in membrane trafficking and cell survival. This gene has been found to be a tumor suppressor and an oncogene, depending on the context. Two variants, one protein-coding and the other not, have been found for this gene. [provided by RefSeq, Nov 2015],



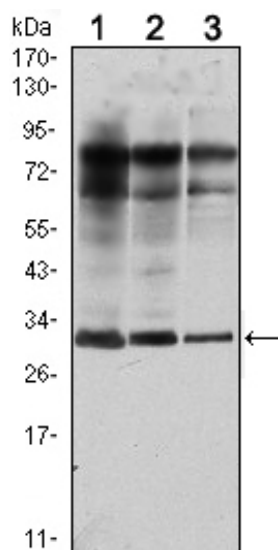
matters needing attention

Avoid repeated freezing and thawing!

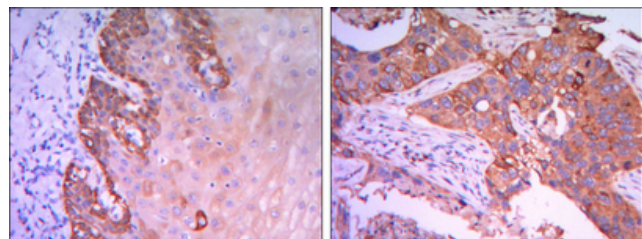
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

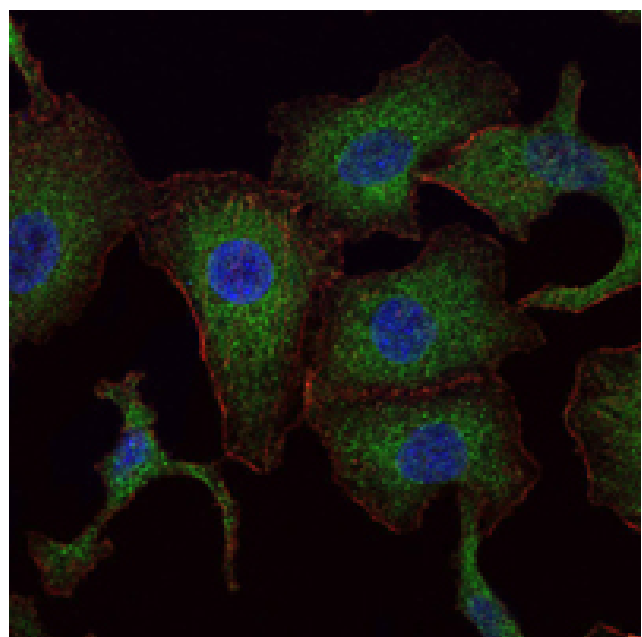
Products Images



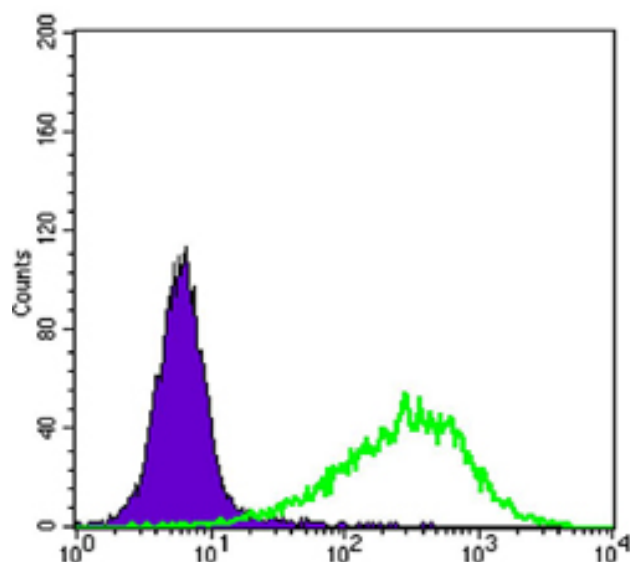
Western Blot analysis using Rab 25 Monoclonal Antibody against MCF-7 (1), T47D (2) and GC7901 (3) cell lysate.



Immunohistochemistry analysis of paraffin-embedded esophagus tissues (left) and human lung cancer (right) with DAB staining using Rab 25 Monoclonal Antibody.



Immunofluorescence analysis of A549 cells using Rab 25 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of NIH/3T3 cells using Rab 25 Monoclonal Antibody (green) and negative control (purple).