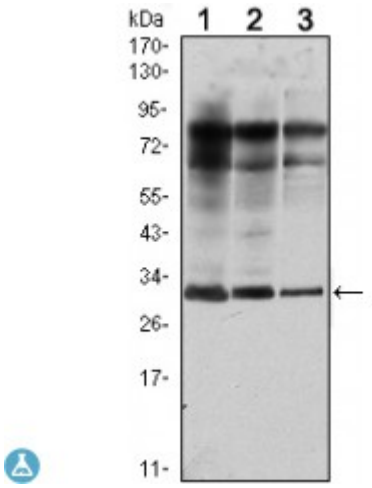
Anti-Rab 25 antibody



Description	Mouse monoclonal to Rab 25.

Model	STJ98348
Host	Mouse
Reactivity	Human, Mouse
Applications	ELISA, FC, IF, IHC, WB
Immunogen	Purified recombinant fragment of Rab 25 expressed in E. Coli.
Gene ID	57111
Gene Symbol	RAB25
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000FC 1:200-1:400ELISA 1:10000
Specificity	Rab 25 Monoclonal Antibody detects endogenous levels of Rab 25 protein.
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.
Purification	Affinity purification
Clone ID	3F12
Note	For Research Use Only (RUO).
Protein Name	Ras-related protein Rab-25 CATX-8

Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:18238OMIM:612942
Alternative Names	Ras-related protein Rab-25 CATX-8
Function	Involved in the regulation of cell survival. Promotes invasive migration of cells in which it functions to localize and maintain integrin alpha-V/beta-1 at the tips of extending pseudopodia . Involved in the regulation of epithelial morphogenesis through the control of CLDN4 expression and localization at tight junctions . May selectively regulate the apical recycling pathway. Together with MYO5B regulates transcytosis .
Cellular Localization	Cell membrane Cell projection, pseudopodium membrane Cytoplasmic vesicle. Colocalizes with integrin alpha-V/beta-1 in vesicles at the pseudopodial tips.