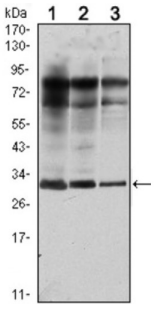
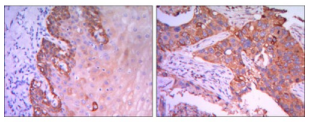
RAB25, Member RAS Oncogene Family (Rab25) Antibody

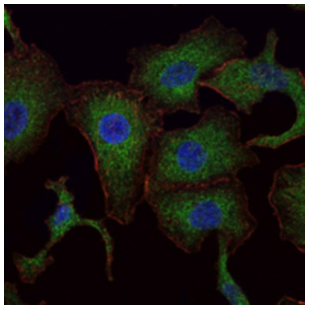
Catalogue No.:abx016051



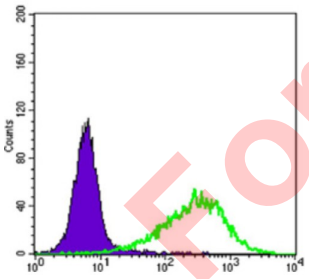
WB analysis of MCF-7 (1), T47D (2) and GC7901 (3) cell lysates using Rab25 antibody.



IHC-P analysis with DAB staining, of esophagus tissue (left) and human lung cancer (right) using Rab25 antibody.



Flow cytometry analysis of NIH/3T3 cells using Rab25 antibody (green) and negative control (purple).



IF analysis of A549 cells using RAB25 antibody (green). DNA was stained using DRAQ5 fluorescent dye (blue) and Actin filaments were labelled with AF555 phalloidin (red).

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.

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Target:	RAB25, Member RAS Oncogene Family (Rab25)
Clonality:	Monoclonal
Clone:	O008
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of Rab25 expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
GeneID:	57111
Molecular Weight:	24 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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