

Product datasheet for **AM06774PU-N**

Rab4 (RAB4A) Mouse Monoclonal Antibody [Clone ID: 4E11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4E11
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500-1/2000. Immunohistochemistry on Paraffin Sections: 1/200-1/1000. Flow Cytometry: 1/200-1/400.
Reactivity:	Human, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human RAB4A expressed in E. Coli.
Specificity:	This antibody reacts to RAB4A.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction with 0.05% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23.8 kDa
Gene Name:	RAB4A, member RAS oncogene family
Database Link:	Entrez Gene 5867 Human P20338



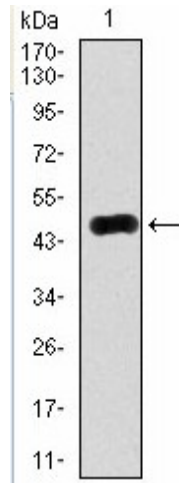
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Background:

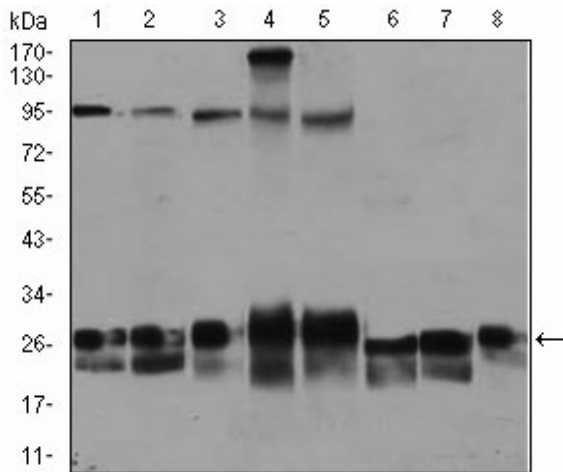
The protein encoded by this gene belongs to the rab family. Rab4A protein is involved in the regulation of procathepsin L secretion, it was either inhibited by expression of a Rab4A dominant-negative mutant or increased by overexpression of the wild-type Rab4A in human melanoma cells.

Synonyms:

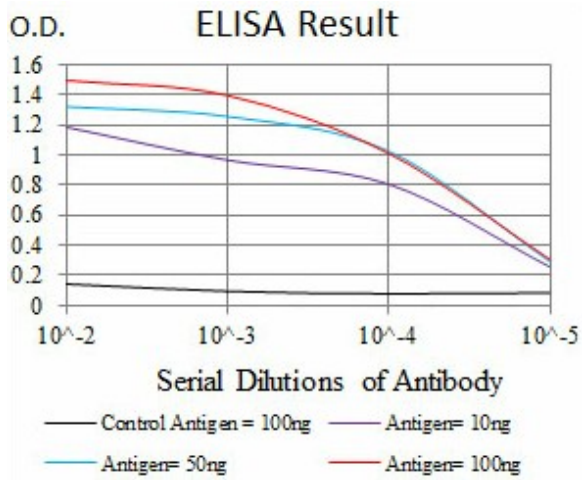
Rab-4A

Product images:


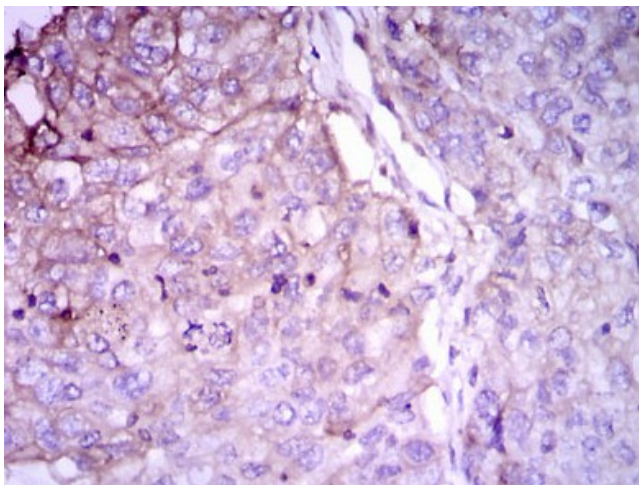
Western blot analysis using RAB4A mAb against human RAB4A (AA: 22-218) recombinant protein. (Expected MW is 47.9 kDa)



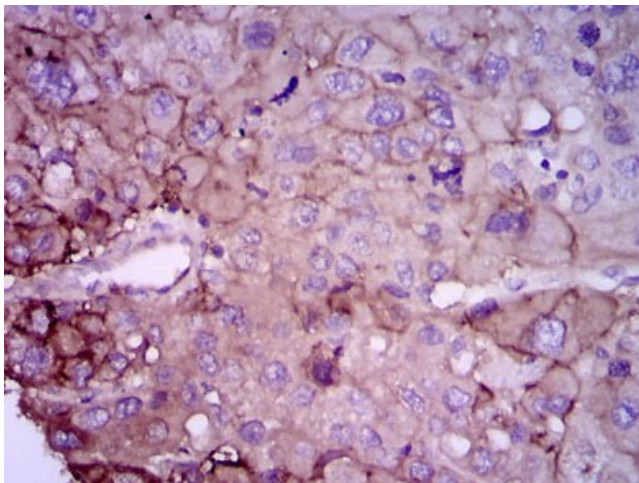
Western blot analysis using RAB4A mouse mAb against Jurkat (1), HeLa (2), A549 (3), HEK293 (4), K562 (5), NIH3T3 (6), PC-12 (7), and COS7 (8) cell lysate.



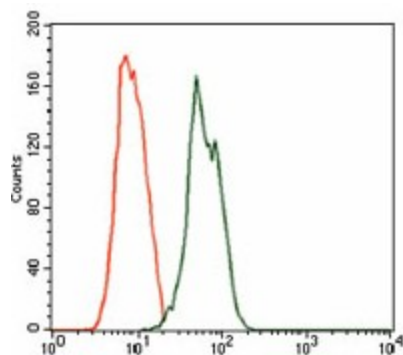
Red: Control Antigen (100ng) Purple: Antigen (10ng)
 Green: Antigen (50ng) Blue: Antigen (100ng)



Immunohistochemical analysis of paraffin-embedded lung cancer tissues using RAB4A mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using RAB4A mouse mAb with DAB staining.



Flow cytometric analysis of MCF-7 cells using RAB4A mouse mAb (green) and negative control (red).