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RAB42 Rabbit pAb

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Catalog # AP94842

Product Information

Primary Accession	Q8N4Z0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24133
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RAB42
Epitope Specificity	31-105/105
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	RAB42 (RAB42, Member RAS Oncogene Family) is a Protein Coding gene. Among its related pathways are RAB geranylgeranylation and Metabolism of proteins. GO annotations related to this gene include GTP binding and GTPase activity. An important paralog of this gene is RAB39B.

Additional Information

Gene ID	115273
Other Names	Ras-related protein Rab-42, 3.6.5.2, RAB42 (HGNC:28702)
Dilution	Flow-Cyt=2ug/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

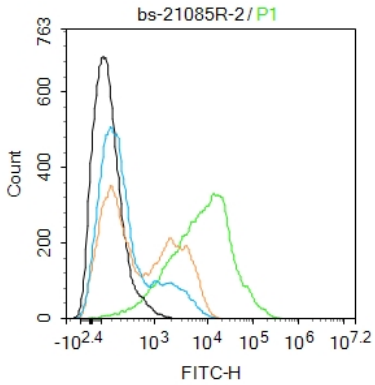
Name	RAB42 (HGNC:28702)
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of

	downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). The physiological function of RAB42 remains undefined (Probable).
Cellular Location	Membrane {ECO:0000250|UniProtKB:P62820}; Lipid- anchor {ECO:0000250|UniProtKB:P62820}

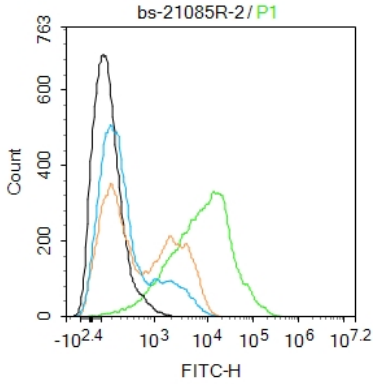
Background

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Images



Blank control:THP-1.
Primary Antibody (green line): Rabbit Anti-RAB42 antibody (AP94842)
Dilution: 2 µg /10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG .
Secondary Antibody : Goat anti-rabbit IgG-FITC
Dilution: 1 µg /test.
Protocol
The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.