

Anti-RAB27A Antibody

Catalog Number: M01608-1

About RAB27A

Plays a role in cytotoxic granule exocytosis in lymphocytes. Required for both granule maturation and granule docking and priming at the immunologic synapse.

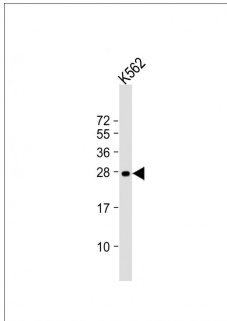
Overview

Product Name	Anti-RAB27A Antibody
Reactive Species	Human
Description	Boster Bio Anti-RAB27A Antibody (Catalog # M01608-1). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Monoclonal 1590CT813.266.26
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P51159

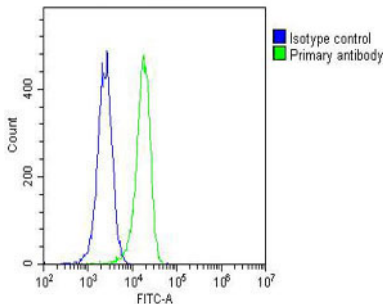
Technical Details

Immunogen	This RAB27A antibody is generated from a mouse immunized with a recombinant protein of human RAB27A.
Predicted Reactive Species	Human
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:2000 FC: 1:25

Anti-RAB27A Antibody (M01608-1) Images



Anti-RAB27A Antibody at 1:2000 dilution + K562 whole cell lysate
Lysates/proteins at 20 µg per lane.
Secondary
Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 25 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing K562 cells stained with M01608-1 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M01608-1, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was mouse IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

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