BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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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.

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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

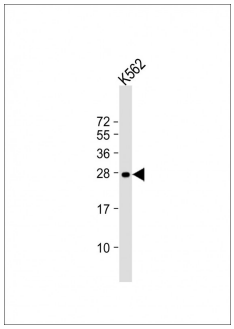
Immunogen	This RAB27A antibody is generated from a mouse immunized with a recombinant protein of human RAB27A.
Predicted Reactive Species	Human
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:2000

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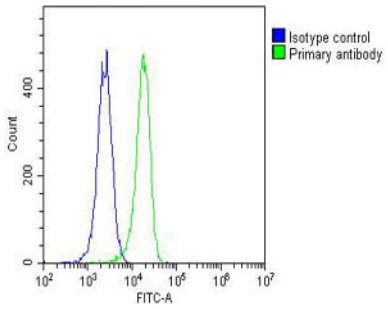
	FC: 1:25 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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Anti-RAB27A Antibody (M01608-1) Images



Anti-RAB27A Antibody at 1:2000 dilution + K562 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDaBlocking/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 icubated 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 37ºC. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was mouse IgG1 (1ug/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

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