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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-RAB27B Antibody

Catalog Number: M04890

About RAB27B

May be involved in targeting uroplakins to urothelial apical membranes.

Overview

Product Name	Anti-RAB27B Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-RAB27B Antibody (Catalog # M04890). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, WB
Clonality	Monoclonal 1596CT245.254.49
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	O00194

Technical Details

Immunogen	This RAB27B antibody is generated from a mouse immunized with a recombinant protein of human RAB27B.
Predicted Reactive Species	Bovine
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

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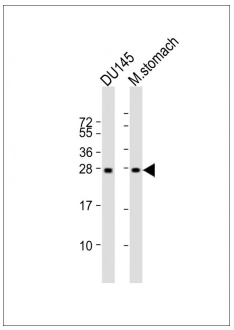
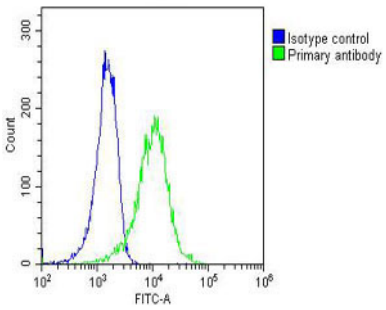
Anti-RAB27B Antibody (M04890) Images



All lanes : Anti-RAB27B Antibody at 1:2000 dilution
Lane 1: DU145 whole cell lysate
Lane 2: mouse stomach 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 A431 cells stained with M04890(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 (M04890, 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.