

Anti-RAB20 Antibody

Catalog Number: M11018

About RAB20

Plays a role in apical endocytosis/recycling. Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in the fusion of phagosomes with lysosomes.

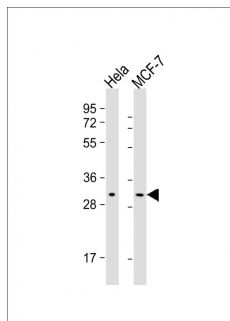
Overview

Product Name	Anti-RAB20 Antibody
Reactive Species	Human
Description	Boster Bio Anti-RAB20 Antibody (Catalog # M11018). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Monoclonal 1694CT210.218.54
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	Q9NX57

Technical Details

Immunogen	This RAB20 antibody is generated from a mouse immunized with recombinant protein from human RAB20.
Predicted Reactive Species	Mouse
Isotype	IgG2a
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: 1:2000-1:4000 FC: 1:25

Anti-RAB20 Antibody (M11018) Images



All lanes : Anti-RAB20 Antibody at 1:2000-1:4000 dilution

Lane 1: HeLa whole cell lysate

Lane 2: MCF-7 whole cell lysate

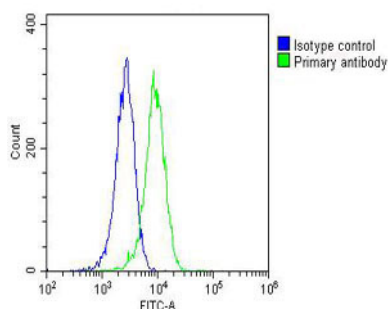
Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.

Predicted band size : 26 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing HeLa cells stained with M11018 (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 (M11018, 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 IgG2a (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

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