

## Product Datasheet

### RAB27A Antibody (orb1925959)

<b>Catalog Number</b>	orb1925959
<b>Category</b>	Antibodies
<b>Description</b>	RAB27A Antibody
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1,k
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
<b>UniProt ID</b>	<b>P51159</b>
<b>MW</b>	24868 Da
<b>Tested applications</b>	FC, WB
<b>Dilution range</b>	FC - 1:25, WB - 1:2000
<b>Specificity</b>	This RAB27A antibody is generated from a mouse immunized with a recombinant protein of human RAB27A.
<b>Storage</b>	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
<b>Note</b>	For research use only

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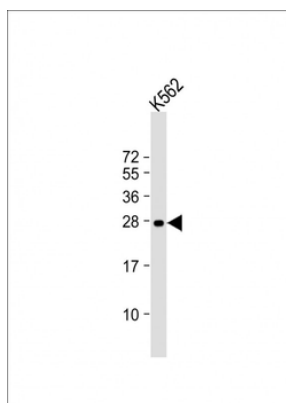
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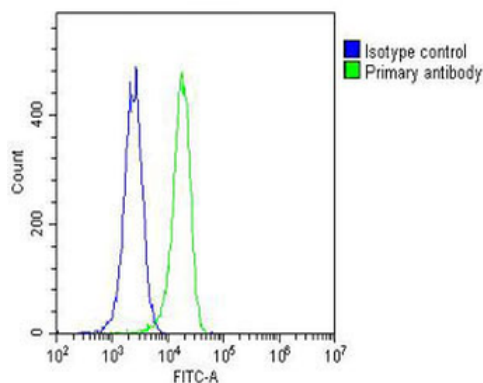
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**Expiration Date** 12 months from date of receipt.



Anti-RAB27A Antibody at 1:2000 dilution + K562 whole cell lysate. Lysates/proteins at 20  $\mu$ g 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 (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 (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  $\mu$ g/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of > 10000 events was performed.

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