

## Product Datasheet

# Phospho-AMPK alpha-2 (Thr172) Rabbit Polyclonal Antibody (BF647) (orb1587525)

<b>Catalog Number</b>	orb1587525
<b>Category</b>	Antibodies
<b>Description</b>	Phospho-AMPK alpha-2 (Thr172) Rabbit Polyclonal Antibody (BF647) is a BF647 conjugated antibody targeting PRKAA2. This antibody is suitable for FC, IF. It exhibits reactivity with Human, Mouse, Rat samples.
<b>Target</b>	PRKAA2
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	BF647
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Gallus, Porcine, Rabbit, Sheep
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated Synthesised phosphopeptide derived from human AMPK alpha 2 around the phosphorylation site of Thr172 LR(p-T)SC
<b>Tested applications</b>	FC, IF

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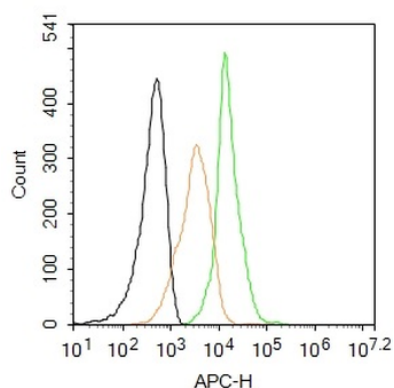
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<b>Dilution range</b>	IF=1:100-500, Flow-Cyt=1ug/test
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control: Rat spleen. Primary Antibody (green line): Rabbit Anti-phospho-AMPK alpha-2 (Thr172) antibody (orb1587525), dilution: 2 µg/10<sup>6</sup> cells, Isotype Control Antibody (orange line): Rabbit IgG. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. Acquisition of 20000 events was performed.

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