

Product Datasheet

MLCK Rabbit Polyclonal Antibody (orb2238)

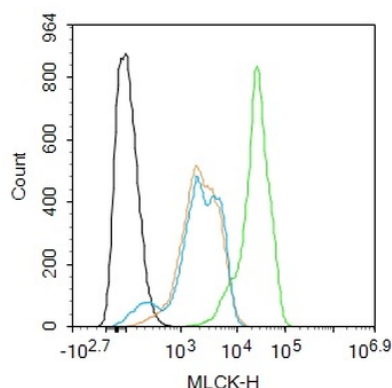
Description	MLCK Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Rat
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-Fr, IHC-P
Immunogen	KLH conjugated synthetic peptide derived from human MLCK (651-750/1914aa)
Target	MYLK
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	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.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	210 kDa
Uniprot ID	Q15746
Dilution Range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test
Expiration Date	12 months from date of receipt.

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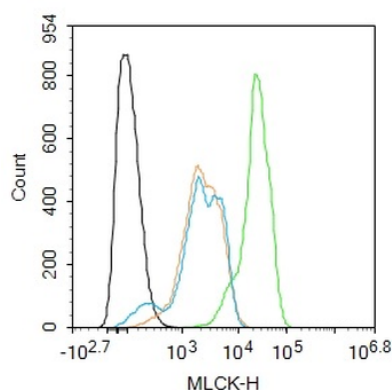
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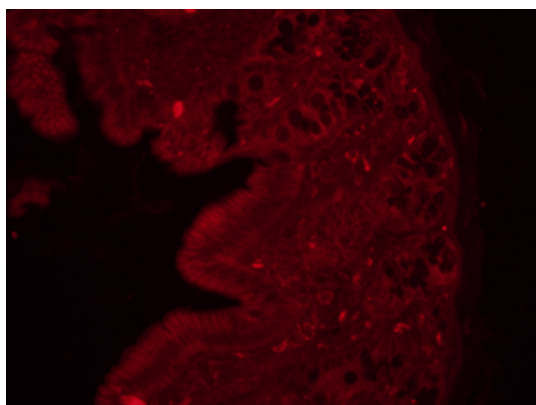
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Blank control (black line): HepG2. Primary Antibody (green line): Rabbit Anti-MLCK antibody (orb2238), dilution: 1 ug/Test, Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF488, dilution: 0.5 ug/Test. Isotype control (orange line): Normal 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 -20°C, 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. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



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Tissue/Cell: rat colon tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-MLCK Polyclonal Antibody, Unconjugated (orb2238) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated (orb868589) used at 1:200 dilution for 40 minutes at 37°C. DAPI (5 ug/ml, blue) was used to stain the cell nuclei.

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