

Product Datasheet

Histone H3 (Di Methyl K36) Rabbit Polyclonal Antibody (Cy5.5) (orb1046643)

Catalog Number	orb1046643
Category	Antibodies
Description	Histone H3 (Di Methyl K36) Rabbit Polyclonal Antibody (Cy5.5) is a Cy5.5 conjugated antibody targeting H3C1. This antibody is suitable for FC, IF. It exhibits reactivity with Human, Mouse, Rat samples.
Target	H3C1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Cy5.5
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Drosophila, Porcine, Rabbit
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthesised methylpeptide derived from human Histone H3 around the methylation site of Di Methyl K36 GV(Di Methyl-K)KP
Tested applications	FC, IF

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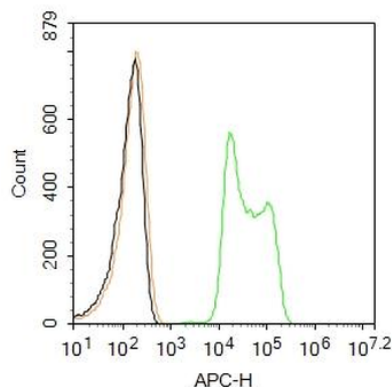
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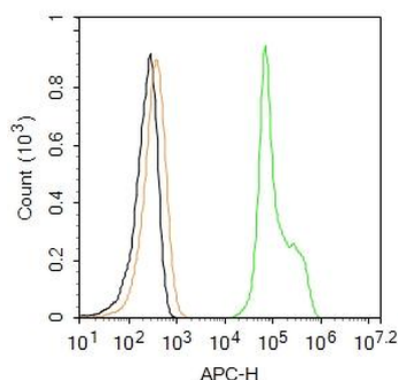
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Dilution range	Flow-Cyt=1µg /Test, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Note	For research use only



Blank control: A431. Primary Antibody (green line): Rabbit Anti-Histone H3 (Di Methyl K36) antibody (orb1046643), Dilution: 2 µg/10⁶ 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 -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. Acquisition of 20000 events was performed.



Blank control: HeLa. Primary Antibody (green line): Rabbit Anti-Histone H3 (Di Methyl K36) antibody (orb1046643), Dilution: 2 µg/10⁶ 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 -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. Acquisition of 20000 events was performed.

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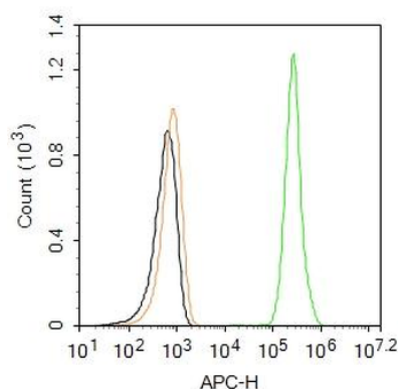
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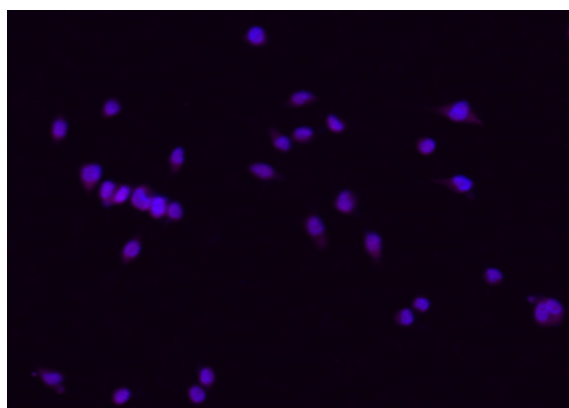
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Blank control: NIH/3T3. Primary Antibody (green line): Rabbit Anti-Histone H3 (Di Methyl K36) antibody (orb1046643), Dilution: $2 \mu\text{g}/10^6$ cells, Isotype Control Antibody (orange line): Rabbit IgG. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -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. Acquisition of 20000 events was performed.



Tissue/Cell: A431 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal rabbit serum) at 37°C for 20 min, Incubation: Anti-Histone H3 (Di Methyl K36) Polyclonal Antibody, conjugated 1:50, 2 hours at 37°C , DAPI (blue) was used to stain the cell nuclei.

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