

## Product Datasheet

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

<b>Catalog Number</b>	orb1046643
<b>Category</b>	Antibodies
<b>Description</b>	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.
<b>Target</b>	H3C1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Cy5.5
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine, Drosophila, Porcine, Rabbit
<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 methylpeptide derived from human Histone H3 around the methylation site of Di Methyl K36 GV(Di Methyl-K)KP
<b>Tested applications</b>	FC, IF

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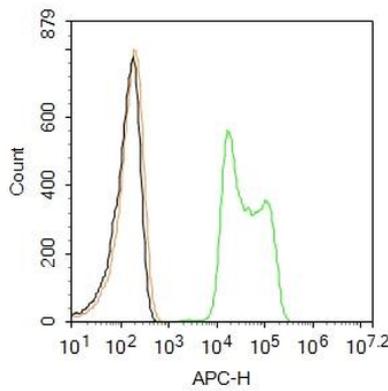
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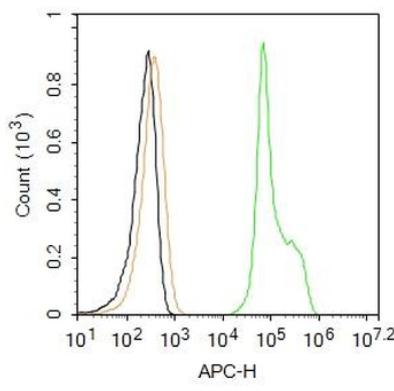
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<b>Dilution range</b>	Flow-Cyt=1 $\mu$ g /Test, IF=1:100-500
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Note</b>	For research use only



Blank control: A431. Primary Antibody (green line): Rabbit Anti-Histone H3 (Di Methyl K36) antibody (orb1046643), Dilution: 2  $\mu$ 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.



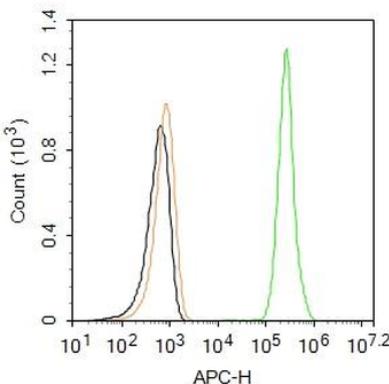
Blank control: Hela. Primary Antibody (green line): Rabbit Anti-Histone H3 (Di Methyl K36) antibody (orb1046643), Dilution: 2  $\mu$ g/10 $^6$  cells, Isotype Control Antibody (orange line): Rabbit IgG. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 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.

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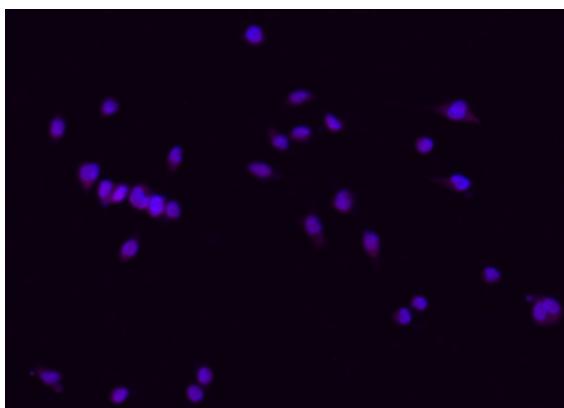
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Blank control: NIH/3T3. Primary Antibody (green line): Rabbit Anti-Histone H3 (Di Methyl K36) antibody (orb1046643), Dilution: 2  $\mu$ g/10 $^6$  cells, Isotype Control Antibody (orange line): Rabbit IgG. Protocol, The cells were fixed with 4% PFA (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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