

Product Datasheet

Cyclin B1 Mouse Monoclonal Antibody (FITC) (orb464152)

Catalog Number	orb464152
Category	Antibodies
Description	Cyclin B1 Mouse Monoclonal Antibody (FITC) is an FITC conjugated antibody targeting CCNB1. This antibody is suitable for IF. It exhibits reactivity with Human samples.
Target	CCNB1
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG
Conjugation	FITC
Reactivity	Human
Predicted Reactivity	Mouse, Rat
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein G
Immunogen	KLH conjugated synthetic peptide derived from human Cyclin B1
Tested applications	IF
Dilution range	IF=1:500-1000

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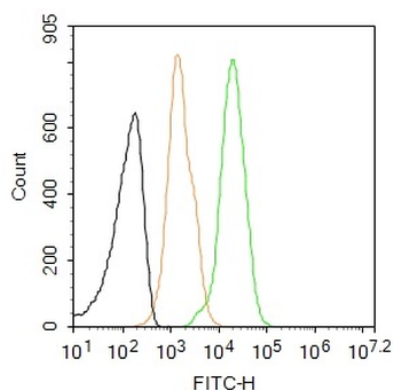
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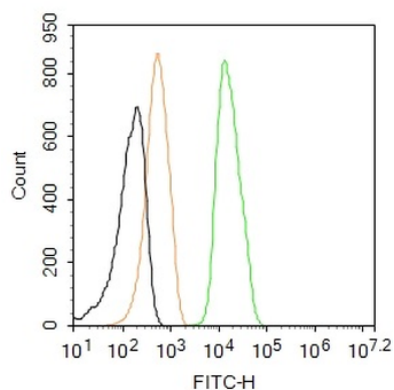
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Antibody Type	Primary Antibody
Clone Number	7D1
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: A431. Primary Antibody (green line): Mouse Anti-Cyclin B1 antibody (orb464152), dilution: 2 µg/10⁶ cells, Isotype Control Antibody (orange line): Mouse 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): Mouse Anti-Cyclin B1 antibody (orb464152), dilution: 2 µg/10⁶ cells, Isotype Control Antibody (orange line): Mouse 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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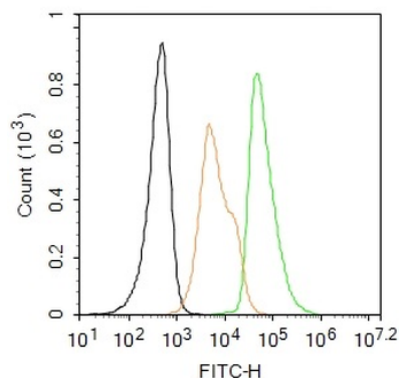
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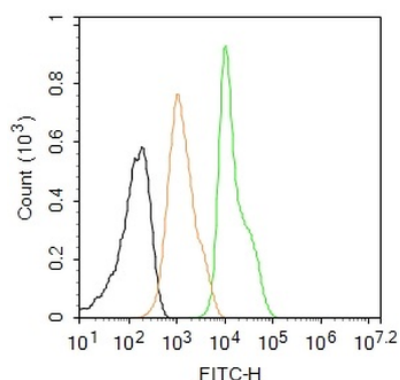
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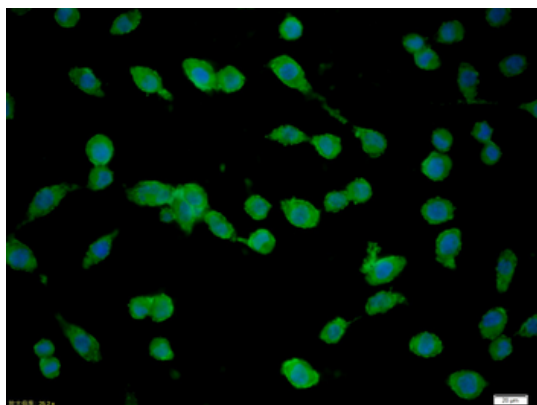
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Blank control: Jurkat. Primary Antibody (green line): Mouse Anti-Cyclin B1 antibody (orb464152), dilution: 2 $\mu\text{g}/10^6$ cells, Isotype Control Antibody (orange line): Mouse IgG. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) 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: U251. Primary Antibody (green line): Mouse Anti-Cyclin B1 antibody (orb464152), dilution: 2 $\mu\text{g}/10^6$ cells, Isotype Control Antibody (orange line): Mouse 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 mouse serum) at 37°C for 20 min, Incubation: Anti-Cyclin B1 Monoclonal Antibody, conjugated (orb464152) 1:50, 2 hours at 37°C, DAPI (blue) was used to stain the cell nuclei.

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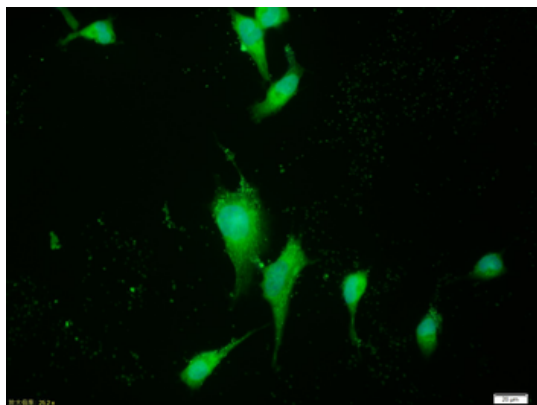
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Tissue/Cell: U251 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal mouse serum) at 37°C for 20 min, Incubation: Anti-Cyclin B1 Monoclonal Antibody, conjugated (orb464152) 1:50, 2 hours at 37°C, DAPI (blue) was used to stain the cell nuclei.

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