

## Product Datasheet

# Desmin Rabbit Polyclonal Antibody (FITC) (orb15501)

<b>Catalog Number</b>	orb15501
<b>Category</b>	Antibodies
<b>Description</b>	Desmin Rabbit Polyclonal Antibody (FITC) is an FITC conjugated antibody targeting DES. This antibody is suitable for ICC, IF. It exhibits reactivity with Human, Mouse, Rat samples.
<b>Target</b>	DES
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	FITC
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Gallus, Guinea pig, 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 synthetic peptide derived from human Desmin (261-360/470aa)
<b>RRID</b>	AB_10757201
<b>Tested applications</b>	ICC, IF

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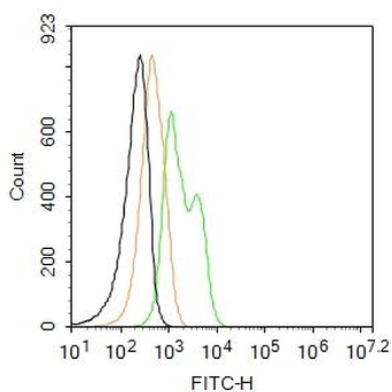
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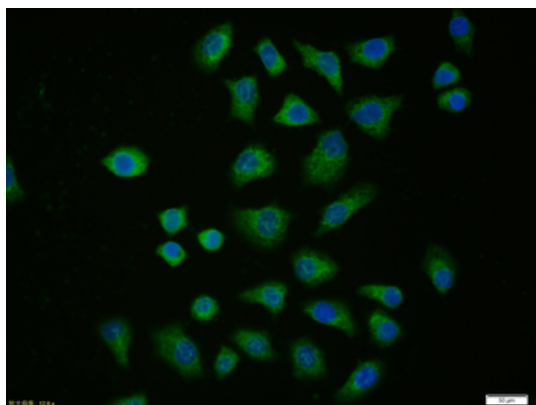
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<b>Dilution range</b>	ICC/IF=1:50-200, IF=1:100-500
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control: H9C2. Primary Antibody (green line): Rabbit Anti-Cardiac Troponin T antibody (orb15501), 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 0.1% PBST 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.



Tissue/Cell: H9C2 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-Desmin Polyclonal Antibody, conjugated (orb15501) 1:50, 2 hours at 37°C, DAPI (blue) was used to stain the cell nuclei.

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