

## Product Datasheet

# CD34 Rabbit Polyclonal Antibody (FITC) (orb461547)

<b>Catalog Number</b>	orb461547
<b>Category</b>	Antibodies
<b>Description</b>	CD34 Rabbit Polyclonal Antibody (FITC) is an FITC conjugated antibody targeting CD34. This antibody is suitable for IF. It exhibits reactivity with Human, Mouse, Rat samples.
<b>Target</b>	CD34
<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, Porcine, Rabbit, Rat
<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 CD34 (301-385/385aa)
<b>Tested applications</b>	IF
<b>Dilution range</b>	IF=1:200-800

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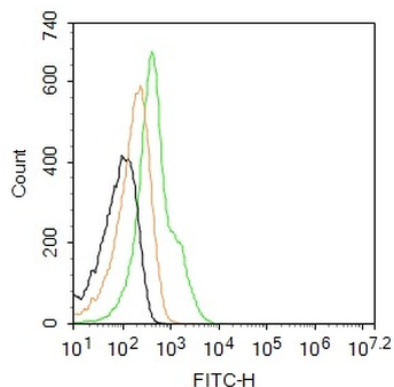
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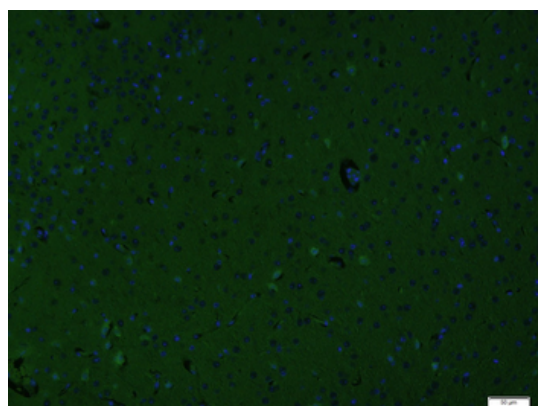
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<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control: Molt4. Primary Antibody (green line): Rabbit Anti-CD34 antibody, dilution: 2 µg/10<sup>6</sup> cells, Isotype Control Antibody (orange line): Rabbit IgG. Protocol, The cells were 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.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation: Anti-CD34 Antibody, conjugated (orb461547) 1:400, 1.5 hours at 37°C, DAPI (5 µg/ml, blue) was used to stain the cell nuclei.

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