

## Anti-CD34 Rabbit pAb



WL02529

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-CD34 Rabbit pAb
<b>Source</b>	Rabbit
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Tested applications</b>	WB 1:500-1:1000
<b>Pack size</b>	50/100/200/500/1000µl
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

<b>Background</b>	Cd34 is a heavily glycosylated, transmembrane glycoprotein that is expressed on the surface of lymphohematopoietic stem and progenitor cells, small-vessel endothelial cells, embryonic fibroblasts and some cells in fetal and adult nervous tissue. CD34 associates with CrkL but not CrkII, is a substrate for PKC, and activation of PKC is coupled with surface expression of CD34. Since different patterns of glycosylation of the molecule are seen with different cell types, this might explain the wide range of CD34 molecular mass.
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<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CD34.
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<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.
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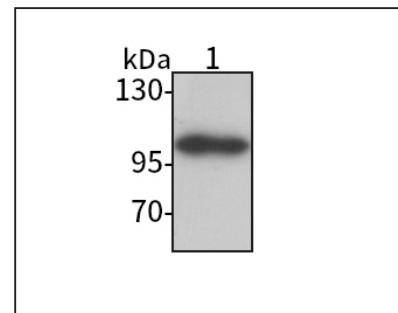
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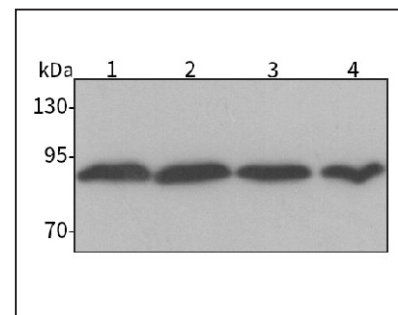
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## Product Images



Western blot-Anti-CD34 pAb

Lane 1: Human HL60 cell lysate  
 All lanes: Anti-CD34 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 41 kDa  
 Observed band size: 80-120 kDa



Western blot-Anti-CD34 pAb

Lane 1: Mouse lung tissue lysate  
 Lane 2: Mouse heart tissue lysate  
 Lane 3: Rat lung tissue lysate  
 Lane 4: Rat testis tissue lysate  
 All lanes: Anti-CD34 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 41 kDa  
 Observed band size: 80-120 kDa