

**Product Name: CD34 Mouse Monoclonal Antibody****Catalog #: AMM82517**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA,FC
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	40.7kDa

**Antigen Information**

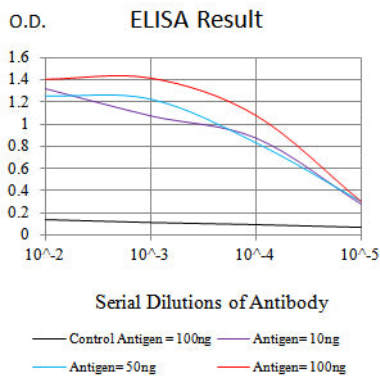
<b>Gene Name</b>	CD34
<b>Alternative Names</b>	CD34
<b>Gene ID</b>	947.0
<b>SwissProt ID</b>	P28906
<b>Immunogen</b>	Purified recombinant fragment of human CD34 (AA: extra 32-290) expressed in E. Coli.

**Background**

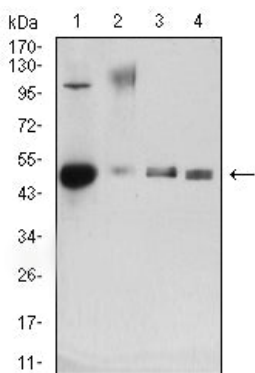
The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene.

## Research Area

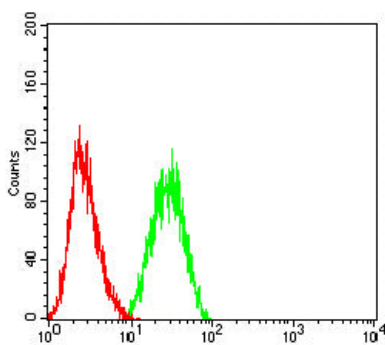
## Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using CD34 mouse mAb against mouse lung (1), rat lung (2), mouse kidney (3), and rat kidney (4) tissue lysate.



Flow cytometric analysis of THP-1 cells using CD34 mouse mAb (green) and negative control (red).