

## Mouse Monoclonal Antibody to CD34

<b>Catalogue Number</b>	sAP-0099
<b>Target Molecule</b>	<b>Name: CD34</b> <b>Aliases: CD34</b> <b>MW: N/A</b> <b>Entrez Gene ID: 947</b>
<b>Description</b>	CD34 is a transmembrane glycoprotein with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells, endothelial cells and some fibroblasts. It could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. CD34 is highly expressed on hematopoietic progenitors, as well as on endothelial cells. CD34 has been used to measure angiogenesis, which reportedly predicts tumor recurrence.
<b>Immunogen</b>	Purified recombinant fragment of CD34 expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM4H5E7;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Sho E., et al. Arterioscler Thromb Vasc Biol. 2004; 24: 1916-21. ; 2. Satterthwaite, A.B.,et al. Genomics.1992;12:788-794.; 3. Krause, D.S.,et al. 1994. Blood.84: 691-701.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**