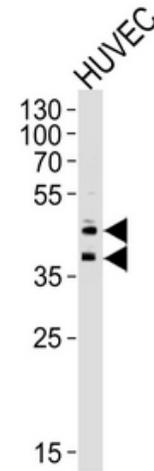


# CD34 Antibody (Center) (Clone # 132CT29.1.5)

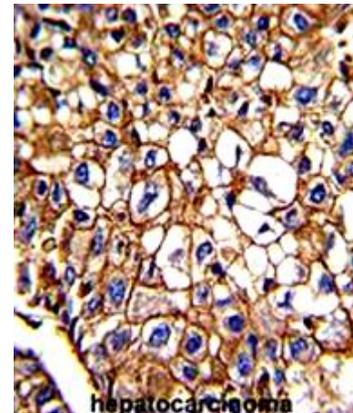
<b>ALTERNATE NAMES:</b>	CD34; Hematopoietic progenitor cell antigen CD34
<b>CATALOG #:</b>	6796-100
<b>AMOUNT:</b>	100 µl
<b>HOST/ISOTYPE:</b>	Mouse IgG1κ
<b>IMMUNOGEN:</b>	This CD34 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 185-214 amino acids from the Central region of human
<b>MOLECULAR WEIGHT:</b>	~40.716 kDa
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In PBS with 0.09% (W/V) sodium azide.
<b>PURIFICATION:</b>	This antibody is purified through a protein G column, followed by dialysis against PBS.
<b>SPECIES REACTIVITY:</b>	Human.
<b>STORAGE CONDITIONS:</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>DESCRIPTION:</b>	CD34 is a heavily glycosylated, 105-120 kDa transmembrane glycoprotein expressed on hematopoietic progenitor cells, vascular endothelial cells and some fibroblasts. The CD34 cytoplasmic domain is a target for phosphorylation by activated protein kinase C, suggesting a role for CD34 in signal transduction. CD34 may also play a role in adhesion of certain antigens to endothelium.
<b>APPLICATION:</b>	WB: 1:1000, IHC: 1:10 – 1:50.

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.

**FOR RESEARCH USE ONLY! Not to be used on humans.**



Western blot analysis of lysate from HUVEC cell line, using CD34 Antibody AM1825a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.



Formalin-fixed and paraffin-embedded human hepatocarcinoma with CD34 Monoclonal Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

#### RELATED PRODUCTS:

- CD34 Antibody (Clone # 5A6) (Cat. No. 6795-50)
- CD34 Antibody (Clone # 132CT29.1.5) (Cat. No. 6796-100)
- CD34 Antibody (Cat. No. 6797-100)
- CD34 Antibody (Clone # 4H5E7, 9B10D4) (Cat. No. 6798-50)