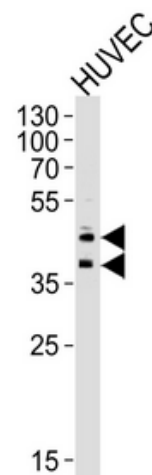


CD34 Antibody (Center) (Clone # 132CT29.1.5)

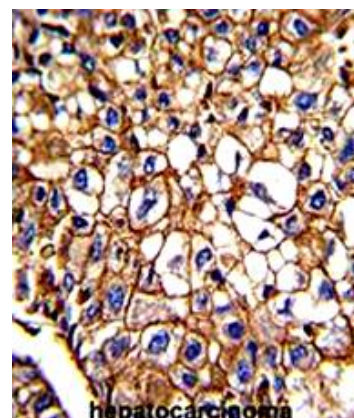
ALTERNATE NAMES:	CD34; Hematopoietic progenitor cell antigen CD34
CATALOG #:	6796-100
AMOUNT:	100 µl
HOST/ISOTYPE:	Mouse IgG1κ
IMMUNOGEN:	This CD34 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 185-214 amino acids from the Central region of human
MOLECULAR WEIGHT:	~40.716 kDa
FORM:	Liquid
FORMULATION:	In PBS with 0.09% (W/V) sodium azide.
PURIFICATION:	This antibody is purified through a protein G column, followed by dialysis against PBS.
SPECIES REACTIVITY:	Human.
STORAGE CONDITIONS:	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.
DESCRIPTION:	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.
APPLICATION:	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)