

Allgemeine Informationen

Katalog-Nr.: 60180-1-Ig	GenBank-Zugangsnummer: BC039146	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1600 µg/ml von947 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: CD34 molecule	CloneNo.: 3C8G12
Wirt: Maus	Berechnete Masse: 41 kDa	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:2500-1:10000 IF 1:50-1:500
Isotyp: IgG2b	Beobachtete Masse: 105 kDa	
Immunogen Katalognummer: AG5996		

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : humanes Plazenta-Gewebe, humanes Hodengewebe, humanes Uterusgewebe

IHC : humanes Leberkarzinomgewebe, humanes Plazenta-Gewebe, humanes Tonsillitisgewebe

IF : humanes Tonsillitisgewebe, humanes Leberkarzinomgewebe

Hintergrundinformationen

CD34 is a 105- to 120-kDa glycoprophosphoprotein expressed on the majority of hematopoietic stem/progenitor cells, bone marrow stromal cells, capillary endothelial cells, embryonic fibroblasts, and some nerve tissue. CD34 is a commonly used marker for identifying human hematopoietic stem/progenitor cells and mediates cell adhesion and lymphocyte homing by binding L-selectin and E-selectin ligands. CD34 is also one of the best negative selection markers for characterizing and/or isolating human MSCs from bone marrow and other sources. Along with other positive selection markers (such as CD29, CD44, CD90, CD105 and CD166), negative selection markers (such as CD34 and CD45) are used for MSC identification.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Junjie Liu	34707701	Exp Ther Med	FC
Bin Zhu	34749775	J Exp Clin Cancer Res	IHC
Yue Yang	35711630	Front Bioeng Biotechnol	IHC

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

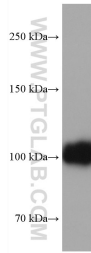
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

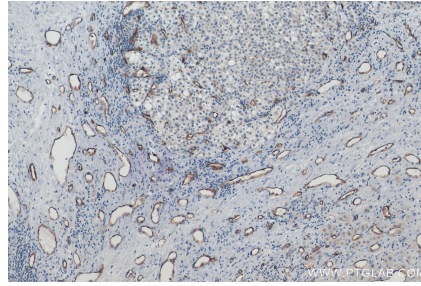
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

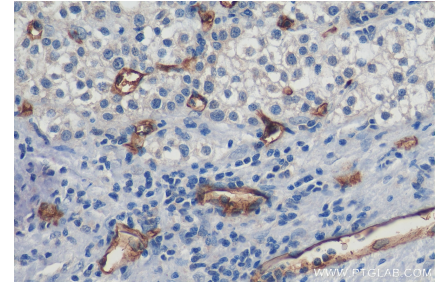
Ausgewählte Validierungsdaten



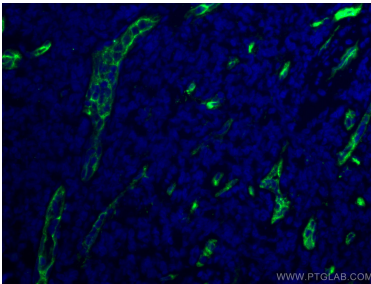
human placenta tissue were subjected to SDS PAGE followed by western blot with 60180-1-Ig (CD34 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



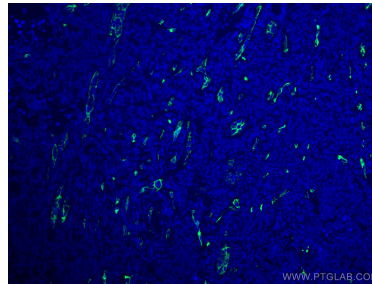
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60180-1-Ig (CD34 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



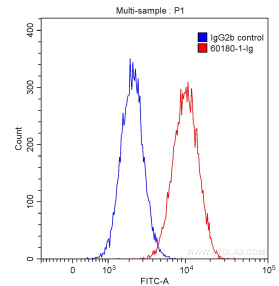
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60180-1-Ig (CD34 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60180-1-Ig (CD34 antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60180-1-Ig (CD34 antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 HUVEC cells were stained with 0.20 μ g Anti-Human CD34 (60180-1-Ig, Clone:3C8G12) (red) or 0.20 μ g control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution of 1:1000. Cells were fixed with 90% MeOH.