

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD34

Numéro de catalogue: 60180-1-Ig **20 Publications**



Informations de base

Numéro de catalogue: 60180-1-Ig	Numéro d'acquisition GenBank: BC039146	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1600 µg/ml by 947 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 947	CloneNo.: 3C8G12
Hôte: Mouse	Nom complet: CD34 molécule	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:2500-1:10000 IF 1:200-1:800
Isotype: IgG2b	MW calculé: 41 kDa	
Immunogen Catalog Number: AG5996	MW observés: 105 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
FC, IF

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu placentaire humain, tissu testiculaire humain, tissu utérin humain

IHC : tissu de cancer du foie humain, tissu d'amygdalite humaine, tissu placentaire humain

IF : tissu placentaire humain, tissu d'amygdalite humaine, tissu de cancer du foie humain

Informations générales

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.

Publications notables

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

Stockage

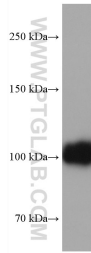
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquote n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

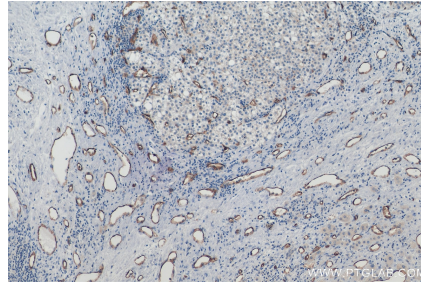
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

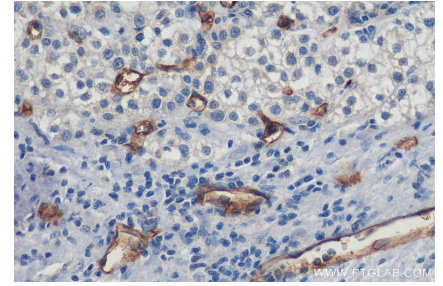
Données de validation sélectionnées



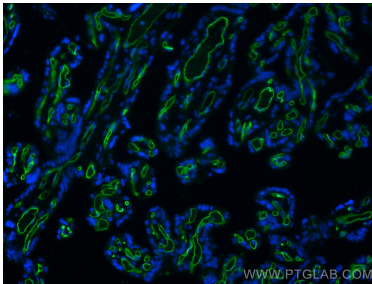
human placenta tissue were subjected to SDS PAGE followed by western blot with 60180-1-Ig (CD34 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



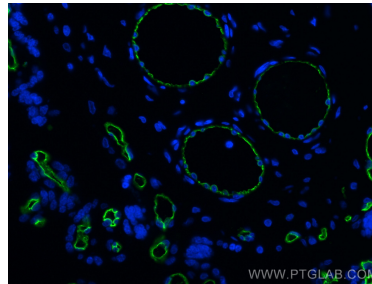
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60180-1-Ig (CD34 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



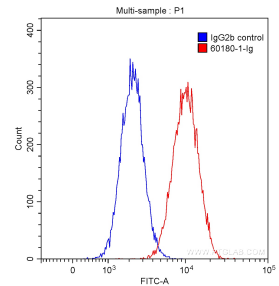
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60180-1-Ig (CD34 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using CD34 antibody (60180-1-Ig, Clone: 3C8G12) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using CD34 antibody (60180-1-Ig, Clone: 3C8G12) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 HUVEC cells were stained with 0.20 ug Anti-Human CD34 (60180-1-Ig, Clone:3C8G12) (red) or 0.20 ug 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.