

Nur für Forschungszwecke

CD34 Polyklonaler Antikörper

Katalog-Nr.: 14486-1-AP

55 Publikationen



Allgemeine Informationen

Katalog-Nr.: 14486-1-AP	GenBank-Zugangsnummer: BC039146	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 550 µg/ml von 947 Nanodrop und 247 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 947	Empfohlene Verdünnungen: WB 1:500-1:3000 IHC 1:1000-1:4000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: CD34 molecule	
Isotyp: IgG	Berechnete Masse: 41 kDa	
Immunogen Katalognummer: AG5887	Beobachtete Masse: 100-120 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : HL-60-Zellen, TF-1-Zellen
In Publikationen genannte Anwendungen: FC, IF, IHC, WB	IHC : humanes Tonsillitisgewebe, humanes Gliomgewebe, humanes Leberkarzinomgewebe, humanes Uterusmyomgewebe
Getestete Reaktivität: Human	IF : humanes Tonsillitisgewebe, humanes Leberkarzinomgewebe
Zitierte Arten: Human, Kaninchen, Rind	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

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. This antibody 14486-1-AP is raised against 33-286 amino acids of full protein.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kexin Ma	32961493	Ecotoxicol Environ Saf	WB
Ruidong Wan	34521949	Sci Rep	IHC
Zuping Wu	36068594	Stem Cell Res Ther	FC

Lagerung

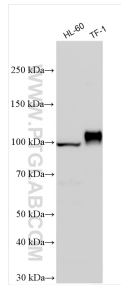
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

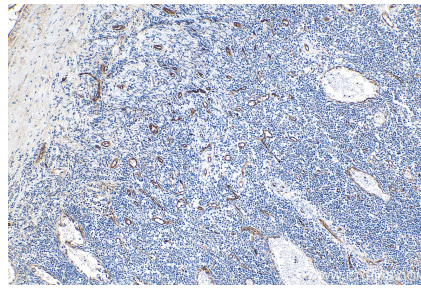
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

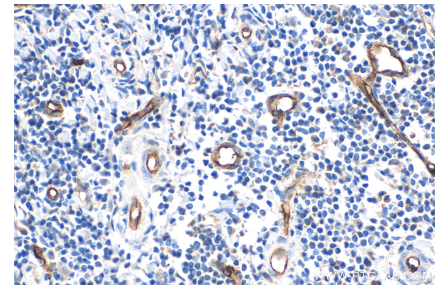
Ausgewählte Validierungsdaten



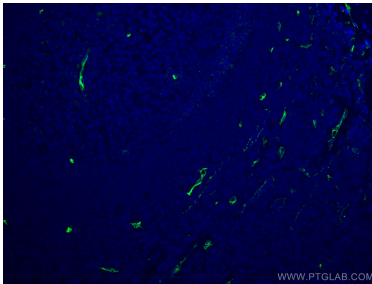
Various lysates were subjected to SDS PAGE followed by western blot with 14486-1-AP (CD34 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



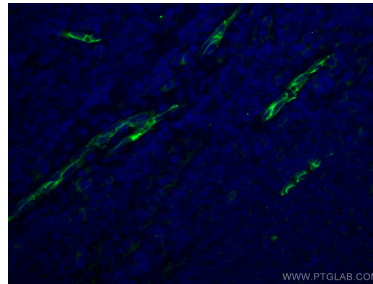
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14486-1-AP (CD34 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14486-1-AP (CD34 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 14486-1-AP (CD34 antibody), at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 14486-1-AP (CD34 antibody), at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).