

Datasheet for ABIN676898
anti-CD34 antibody (AA 201-300)

7 Images

25 Publications

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Overview

Quantity:	100 µL
Target:	CD34
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse, Rat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD34 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse CD34
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CD34
Alternative Name:	CD34 (CD34 Products)

Target Details

Background:	Synonyms: AU496, Hematopoietic progenitor cell antigen CD34, CD34 Background: Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins (By similarity).
Gene ID:	12490
UniProt:	Q64314

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Kim, Ryu, Kim, Kim: "Preserved Corneal Lamellar Grafting Reduces Inflammation and Promotes
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Wound Healing in a Scleral Defect Rabbit Model." in: **Translational vision science & technology**, Vol. 9, Issue 7, pp. 38, (2020) ([PubMed](#)).

Shi, Liang, Guo, Zhang, Hui, Chang, Tao: "Adipose-Derived Stem Cells Cocultured with Chondrocytes Promote the Proliferation of Chondrocytes." in: **Stem cells international**, Vol. 2017, pp. 1709582, (2017) ([PubMed](#)).

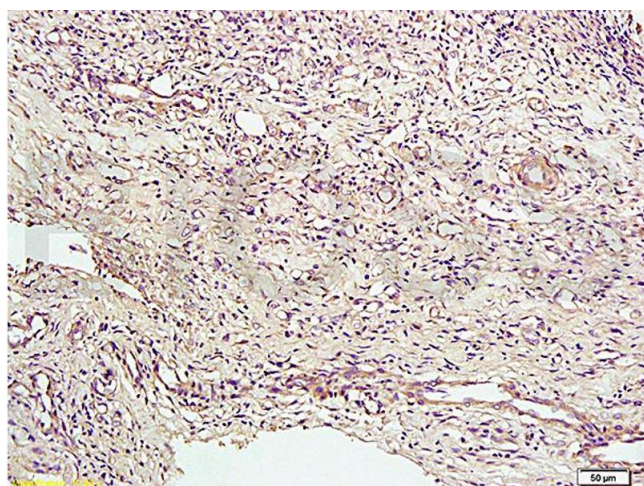
Roan, Cheng, Young, Lee, Yeh, Luo, Tsai, Lam: "Exendin-4, a glucagon-like peptide-1 analogue, accelerates diabetic wound healing." in: **The Journal of surgical research**, Vol. 208, pp. 93-103, (2017) ([PubMed](#)).

Shimizu, Fujibayashi, Yamaguchi, Yamamoto, Otsuki, Takemoto, Tsukanaka, Kizuki, Matsushita, Kokubo, Matsuda: "Bioactivity of sol-gel-derived TiO₂ coating on polyetheretherketone: In vitro and in vivo studies." in: **Acta biomaterialia**, Vol. 35, pp. 305-17, (2016) ([PubMed](#)).

Zhang, Chen, Liu, Zhou, Hu, Zhou, Han, Chen: "Exendin-4 promotes proliferation of adipose-derived stem cells through ERK and JNK signaling pathways." in: **In vitro cellular & developmental biology. Animal**, Vol. 52, Issue 5, pp. 598-606, (2016) ([PubMed](#)).

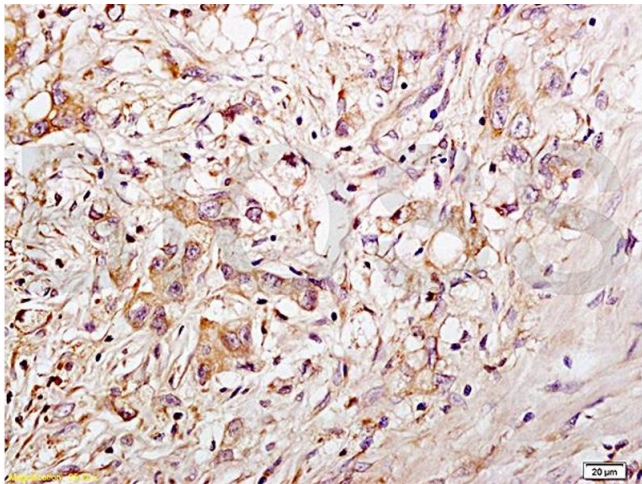
There are more publications referencing this product on: [Product page](#)

Images



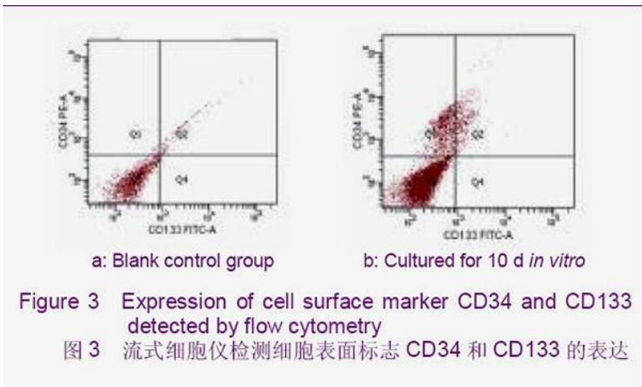
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat bile duct tissue labeled with Anti-CD34 Polyclonal Antibody, Unconjugated (ABIN676898) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human gastric carcinoma tissue labeled with Anti-CD34 Polyclonal Antibody, Unconjugated (ABIN676898) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Flow Cytometry

Image 3. Expression of cell surface marker CD34 and CD133 detected by flow cytometry

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN676898.