

Datasheet for ABIN671361
anti-CD34 antibody (AA 301-385)

6 Images

21 Publications

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Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | CD34 |
| Binding Specificity: | AA 301-385 |
| Reactivity: | Human, Mouse, Rat, Rabbit, Goat, Chicken |
| 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)), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human CD34 |
| Isotype: | IgG |
| Cross-Reactivity: | Chicken, Goat, Human, Mouse, Rabbit, Rat |
| Predicted Reactivity: | Dog,Cow,Pig |
| Purification: | Purified by Protein A. |

Target Details

| | |
|---------|------|
| Target: | CD34 |
|---------|------|

Target Details

| | |
|-------------------|--|
| Alternative Name: | CD34 (CD34 Products) |
| Background: | <p>Synonyms: Hematopoietic progenitor cell antigen CD34, CD34</p> <p>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.</p> |
| Gene ID: | 947 |
| UniProt: | P28906 |

Application Details

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

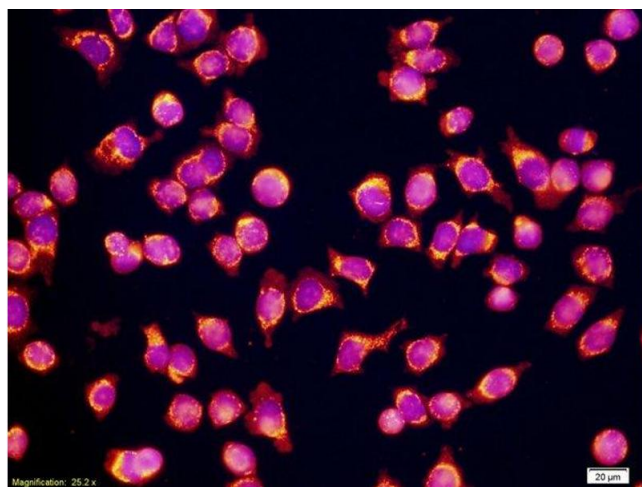
Handling

| | |
|--------------------|--|
| 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

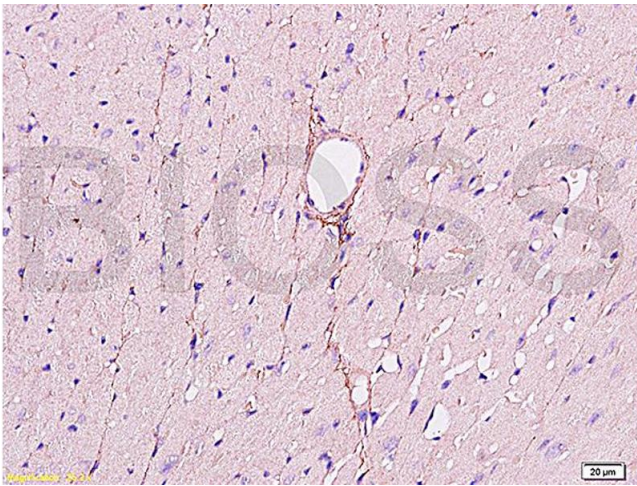
- Product cited in:
- Zhu, Meng, Wang, Wang, Zhang, Li, Li, Tan, Yang, Huang: "Effects of neuritin on the differentiation of bone marrow-derived mesenchymal stem cells into neuron-like cells." in: **Molecular medicine reports**, Vol. 16, Issue 3, pp. 3201-3207, (2018) ([PubMed](#)).
- Long, Luo, Wang, Bates, Shetty: "Mash1-dependent Notch Signaling Pathway Regulates GABAergic Neuron-Like Differentiation from Bone Marrow-Derived Mesenchymal Stem Cells." in: **Aging and disease**, Vol. 8, Issue 3, pp. 301-313, (2017) ([PubMed](#)).
- Li, Cai, Yang, Zhang, Sun, Yan, Qu, Wang, Wang, Duan: "Perichondrium mesenchymal stem cells inhibit the growth of breast cancer cells via the DKK-1/Wnt/ β -catenin signaling pathway." in: **Oncology reports**, Vol. 36, Issue 2, pp. 936-44, (2017) ([PubMed](#)).
- Huang, Jiao, Yan: "Hydrogen-rich saline attenuates steroid-associated femoral head necrosis through inhibition of oxidative stress in a rabbit model." in: **Experimental and therapeutic medicine**, Vol. 11, Issue 1, pp. 177-182, (2016) ([PubMed](#)).
- Miwa, Kokuryo, Yokoyama, Yamaguchi, Nagino: "Therapeutic potential of targeting protein for Xklp2 silencing for pancreatic cancer." in: **Cancer medicine**, Vol. 4, Issue 7, pp. 1091-100, (2016) ([PubMed](#)).
- There are more publications referencing this product on: [Product page](#)

Images



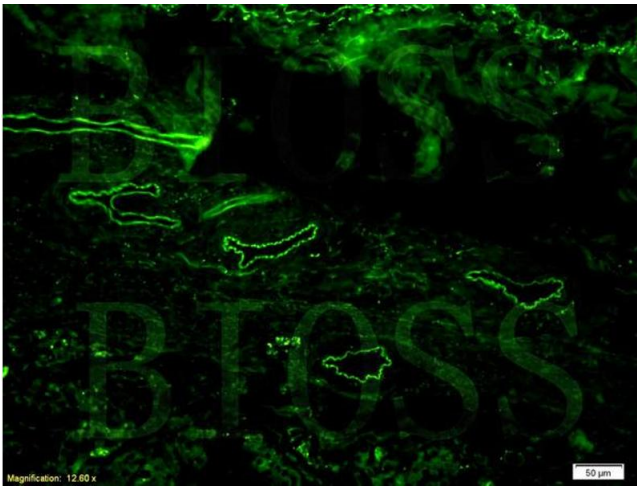
Immunofluorescence

Image 1. Mouse SP20 Myeloma Cells



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse heart tissue labeled Anti-CD34 Polyclonal Antibody, Unconjugated (ABIN671361) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 3. Formalin-fixed and paraffin embedded human gastric adenocarcinoma labeled Anti-CD34 Polyclonal Antibody, Unconjugated (ABIN671361) at 1:200, followed by conjugation to the secondary antibody Goat Anti-Rabbit IgG, AF488 conjugated used at 1:200 dilution for 40 minutes at 37°C

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN671361.