

Rabbit anti-Human CD34 Monoclonal Antibody | anti-CD34 antibody

Anti - CD34

CATALOG # AAA79011	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

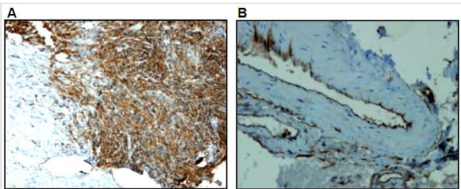
CD34; Monoclonal Antibody; Anti - CD34; anti-CD34 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	Q19-E
Specificity	Human
Form/Format	20 mM Tris-HCl, pH 8.0
Sequence Length	385
Applicable Applications for anti-CD34 antibody	IHC (Immunohistochemistry)
Immunogen	Peptide derived from the C-terminal sequence of human CD34. Antibody recognizes the epitope between Ala367-Leu385.
Stabilizer	20 mg/ml BSA
Preservative	0.05% NaN ₃
Cellular localization	Membrane
Positive control	Small vessel endothelium of different tissues
Precautions	1. We strongly recommend to use Primary Antibody Diluent (catalog number please inquire), eventually alternative diluent (containing protease free BSA at the concentrations $\geq 1\text{mg/ml}$) for dilution of concentrated antibodies, otherwise the warranty might be voided. 2. Centrifuge the vial before use. 3. Do not use after expiration date stamped on vial label. 4. Avoid contamination of the reagent. 5. Any discrepancies in the recommended procedures stated in the working protocol may affect the final results. 6. The reagent contains sodium azide (NaN₃) which is highly toxic in higher concentrations. The concentration in the reagent (0.05%) is not considered as hazardous. 7. Disposal of waste material must be conducted in accordance with local regulations. 8. Wear appropriate Personal Protective Equipment to avoid contact with eyes and skin.

VENTANA PROTOCOL-INSTRUCTION MANUAL	SHORT APPLICATION PROTOCOL FOR VENTANA BENCHMARK SLIDE STAINING SYSTEM PROCEDURE: U ultraView DAB 1. Deparaffinization 2. Heating (72 degree C) at the medium temperatures. Deparaffinization. 3. Cell conditioning 4. ULTRA conditioner #1 5. Heating glass (95 degree C), incubation 8 min. (Cell conditioner #1; buffer CC1). 6. ULTRA CC1 solution application - 20 min. 7. Antibody incubation temperature 8. Heating glass (36 degree C), incubation 4 min. 9. Titration 10. Hand apply - primary antibody 100 ul. Incubation 36 min. 11. ultraWash 12. Nuclear stain 13. Hematoxylin II application - one drop (nuclear stain). Cover and incubate 12 min. 14. After nuclear stain 15. Bluing reagent application, one drop. After nuclear stain, cover and incubate 4 min
LEICA BOND MAX PROTOCOL-INSTRUCTION MANUAL	SHORT APPLICATION PROTOCOL FOR LEICA BOND MAX SLIDE STAINING SYSTEM Protocol F: - Visualization system: BOND Refine DS9800 - Epitope retrieval / heating time / temperature: ER2 / 20 min. / 100 degree C - Incubation of primary antibody / temperature: 30 min. / 20 degree C
Preparation and Storage	Store at 4 degree C. Do not freeze

IMAGES



IHC (Immunohistochemistry)
Focal CD34 positivity in the GIST (gastrointestinal stromal tumor) of small intestine (A) and in the endothelium of the muscular artery (B).Formalin fixed, paraffin embedded human tissues (4 um sections) stained with AAA79011 monospecific antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3183511
NCBI GeneID	947
UniProt Accession #	P28906; Q15970; Q15971; Q5JTA3; Q5JTA4; Q9UJB1; A8K664
NCBI Official Full Name	Hematopoietic progenitor cell antigen CD34
NCBI Official Synonym Full Names	CD34 molecule
NCBI Official Symbol	CD34
NCBI Protein Information	hematopoietic progenitor cell antigen CD34; CD34 antigen
UniProt Protein Name	Hematopoietic progenitor cell antigen CD34
UniProt Gene Name	CD34
UniProt Entry Name	CD34_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

