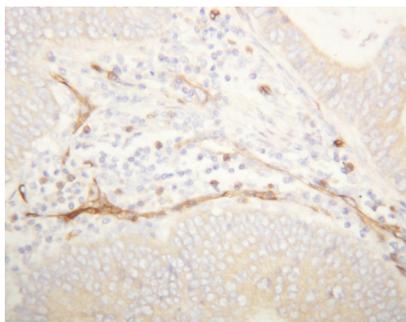


Rabbit polyclonal antibody to human CD34 (366-382): Affinity purified

Catalogue No.:	R-1467-100
Description:	CD34 is a 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 (Ref: SWISSPROT).
Batch No.:	See product label
Unit size:	100 µg
Antigen:	A synthetic peptide corresponding to a region (366-382 aa) from human CD34.
Sequence:	366-382
Other Names:	Hematopoietic progenitor cell antigen CD34;
Accession:	P28906 CD34_HUMAN;
Produced in:	Rabbit
Applications:	Western Blotting (WB) and Immunohistochemistry (IHC). A concentration of 1.0 µg/ml is recommended for WB. Human CD34 (Isoform CD34-F) has a predicted length of 385 amino acids and MW of 40 kDa. A concentration of 1.0 µg/ml is recommended for IHC to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. A concentration of 1.0 µg/ml is also recommended for IHC in frozen tissue. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Antibody Against:	CD34
Cross-reactivity:	Human; rat; mouse;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Appearance:	White powder
Reconstitution:	Reconstitute in 100 µl of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase



Immunohistochemical staining (paraffin) of human mammary cancer tissue with Rabbit polyclonal antibody to human CD34 (R-1467-100).

FOR RESEARCH USE ONLY