CD34 Monoclonal Antibody

Catalog No.   E-AB-71033

Note: Centrifuge before opening to ensure complete recovery of vial contents.
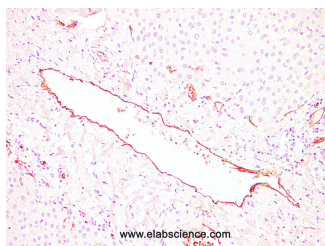
Description

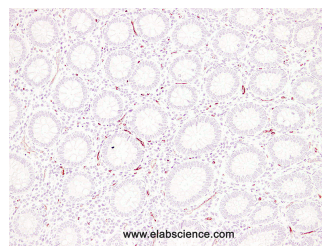|	
Reactivity	Human
Immunogen	Full length protein from eukaryotic expression system.
Host	Mouse
Isotype	IgG
Clone	LE0036
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications — Recommended Dilution

IHC 1:100-1:200

Data

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human liver tissue using CD34 Monoclonal Antibody with Cat#E-AB-71033 at dilution of 1:200.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human appendix tissue using with Cat#E-AB-71033 at dilution of 1:200.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

CD34 is a kind of single strand transmembrane protein with a molecular weight of 110 kDa, which is the main marker of hematopoietic stem cell myeloid cells and vascular endothelial cells. CD34 can identify the differentiation of endothelial cells, but the identifying sensitivity has no relation with the grading of tumor. CD34 is expressed positive in more than 85% of angiosarcoma and Kapois' s sarcoma expressed. It can be applied in combination with CD117 for differential diagnosis of gastric stromal tumors. In general, CD34+ can be identified with CD34- in solitary fibrous tumors, and the identification between CD34+ of dermatofibrosarcoma protuberans and CD34- of benign fibrous histiocytoma, CD34- of spindle cell carcinoma in breast and CD34+ if malignant phyllodes tumor. And it can also be used to research the angiogenesis during a variety of tumor interstitial.

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