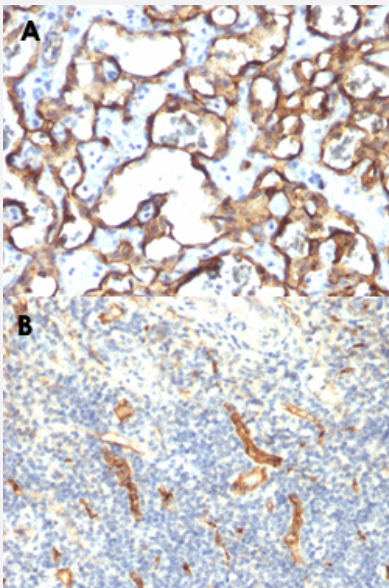


CD34 monoclonal antibody, clone HPCA1/1171

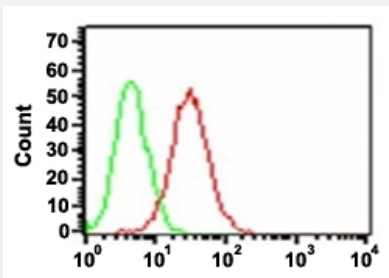
Catalog # MAB13468 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human angiosarcoma (A) and human tonsil (B) with CD34 monoclonal antibody, clone HPCA1/1171 (Cat # MAB13468).



Flow Cytometry

Flow cytometric analysis of KG-1 cells with CD34 monoclonal antibody, clone HPCA1/1171 (Cat # MAB13468) (Red) and isotype control (Green).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human CD34.
Immunogen	Recombinant protein corresponding to full length human CD34.
Host	Mouse

Theoretical MW (kDa)	90-110
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-4 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human angiosarcoma (A) and human tonsil (B) with CD34 monoclonal antibody, clone HPCA1/1171 (Cat # MAB13468).
- Immunofluorescence
- Flow Cytometry
Flow cytometric analysis of KG-1 cells with CD34 monoclonal antibody, clone HPCA1/1171 (Cat # MAB13468) (Red) and isotype control (Green).

Gene Info — CD34

Entrez GeneID	947
Protein Accession#	P28906
Gene Name	CD34
Gene Alias	-

Gene Description	CD34 molecule
Omim ID	142230
Gene Ontology	Hyperlink
Gene Summary	CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.[supplied by OMIM]
Other Designations	CD34 antigen OTTHUMP00000034733 OTTHUMP00000034734 hematopoietic progenitor cell antigen CD34

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)

Disease

- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis C](#)
- [Liver Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)