

CD34 antibody [HPCA1/1171]

Cat. No. GTX34500

| | |
|--------------|------------------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | WB, ICC/IF, IHC-P, FCM |
| Reactivity | Human, Rat |

References (1)

Package

100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|-----------------------------|
| WB | 1-2µg/ml |
| ICC/IF | 1-2µg/ml |
| IHC-P | 2-4µg/ml for 30 min at RT |
| FCM | 1-2µg/10 ⁶ cells |

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Not tested in other applications.

Calculated MW 41 kDa. ([Note](#))

Product Note This antibody recognizes a carbohydrate epitope on a single chain, transmembrane, heavily glycosylated protein of 90-120kDa, which is identified as CD34 (VI international workshop on human differentiation antigens).

Properties

| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 0.05% BSA |
| Preservative | 0.05% Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant full-length human HPCA1 protein |
| Purification | Protein A/G purified |
| Conjugation | Unconjugated |



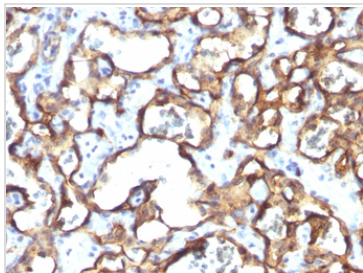
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Note

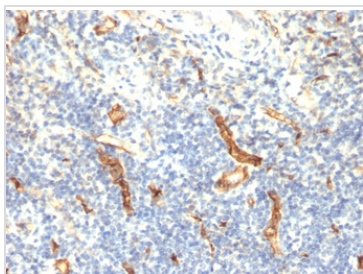
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DATA IMAGES



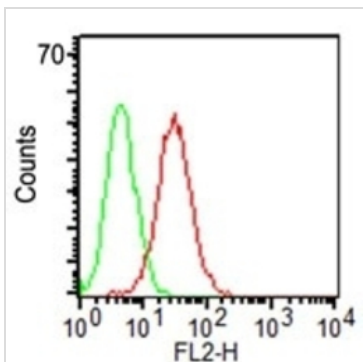
GTX34500 IHC-P Image

IHC-P analysis of human angiosarcoma tissue using GTX34500 CD34 antibody [HPCA1/1171].



GTX34500 IHC-P Image

IHC-P analysis of human tonsil tissue using GTX34500 CD34 antibody [HPCA1/1171].



GTX34500 FCM Image

FACS analysis of KG-1 cells using GTX34500 CD34 antibody [HPCA1/1171].

Red : Primary antibody

Green : Isotype control



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