

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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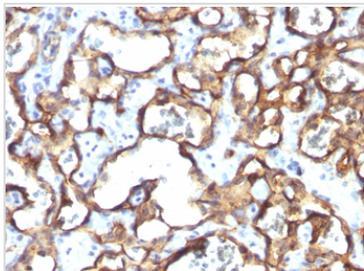
Date 2026 / 03 / 29 Page 1 of 2

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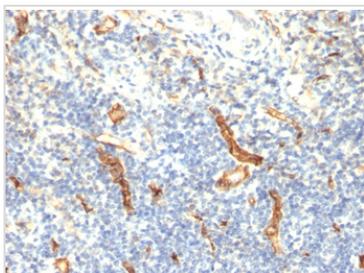
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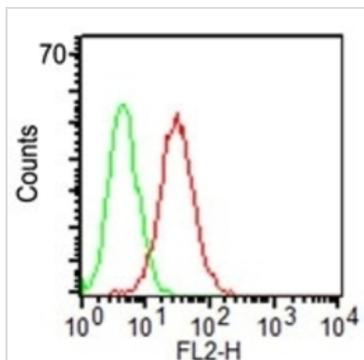
DATA IMAGES

**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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