

Datasheet for ABIN6941175

**Recombinant anti-CD34 antibody****7** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CD34
Reactivity:	Human, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD34 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant full-length human HPCA1 protein
Clone:	HPCA1-2598R
Isotype:	IgG
Specificity:	<p>This antibody recognizes a transmembrane, heavily glycosylated protein of 90-120 kDa, which is identified as CD34. Its expression is a hallmark for identifying pluripotent hematopoietic stem or progenitor cells. Its expression is gradually lost as lineage committed progenitors differentiate. CD34 is a marker of choice for staining blasts in acute myeloid leukemia. In addition, it is expressed by soft tissue tumors, such as solitary fibrous tumor and gastrointestinal stromal tumor. CD34 expression is also found in vascular endothelium. Additionally, proliferating endothelial cells overexpress this molecule than the non-proliferating endothelial cells. Anti-CD34 labels 85 % of angiosarcoma and Kaposi's sarcoma, but shows low</p>

## Product Details

specificity.

Purification: Purified by Protein A/G

## Target Details

Target: CD34

Alternative Name: CD34 ([CD34 Products](#))

Molecular Weight: 90-110kDa

Gene ID: 947

UniProt: [P28906](#)

## Application Details

Application Notes: Positive Control: Jurkat, KG-1 cells. Tonsil or Angiosarcoma.  
Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

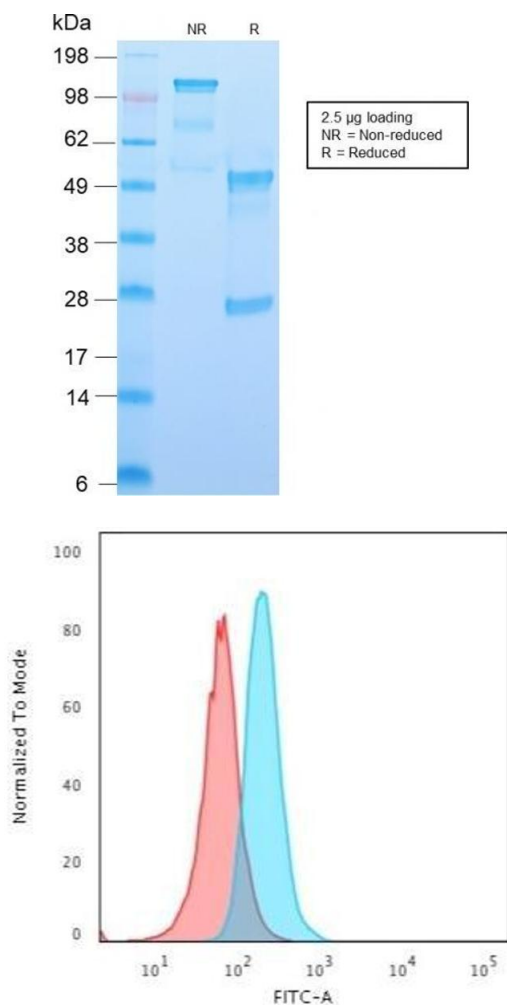
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months

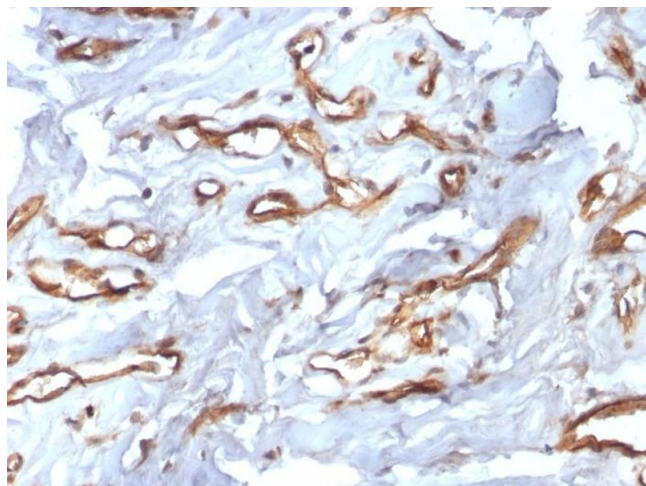


### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified CD34 Recombinant Rabbit Monoclonal Antibody (HPCA1/2598R). Confirmation of Integrity and Purity of Antibody.

### Flow Cytometry

**Image 2.** Flow Cytometric Analysis of human Jurkat cells using CD34 Recombinant Rabbit MAb (HPCA1/2598R) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Angiosarcoma stained with CD34 Recombinant Rabbit Monoclonal Antibody (HPCA1/2598R).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN6941175.