

Datasheet for ABIN7321163
CD34 Protein (CD34) (Fc Tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CD34
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD34 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat CD34 Protein (Fc Tag)
Sequence:	Met1-Thr291
Characteristics:	A DNA sequence encoding the rat CD34 (B1PLB1) (Met1-Thr291) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 80 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target:	CD34
Alternative Name:	CD34 (CD34 Products)
Background:	Background: Cluster of Differentiation 34 (CD34) is a member of a family of single-pass transmembrane sialomucin proteins, and may function as a cell-cell adhesion factor. CD34 protein is selectively expressed on hematopoietic progenitor cells and the small vessel

Target Details

endothelium of a variety of tissues. It has been widely used as a stem and progenitor cell marker, and clinical CD34+ stem cell transplantation (CD34+SCT) has been performed for tumor purging. CD34 monoclonal antibodies are widely used to identify and isolate hemopoietic progenitors and to classify acute and chronic leukemias.

Synonym: CD34

Molecular Weight: 54.5 kDa

UniProt: [B1PLB1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

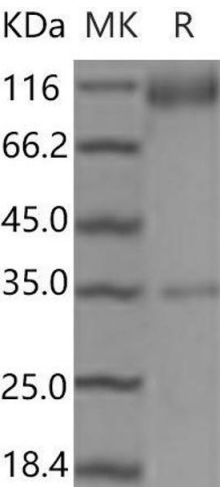
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.