

CD34 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX00072

Clone# RR676

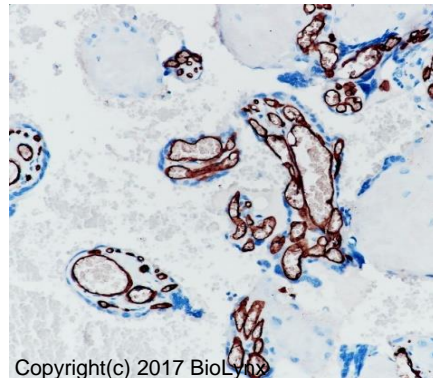
Predicted Molecular Wt: 41kDa
Species Cross-reactivity: Human

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P28906

Applications: IHC-P FC

Background:

Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins.



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of placenta tissue labelling CD34 with RR676 at 1:1,600. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.

Immunogen:

A synthetic peptide corresponding to the C-term of CD34 was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

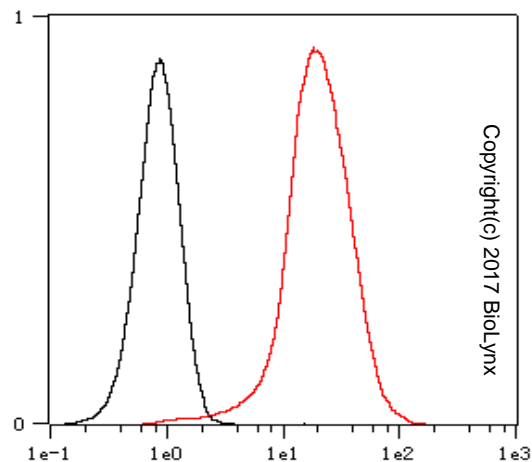
-20°C.

Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:800 - 1:1,600
 FC: 1:50 - 1:200



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Overlay histogram showing Jurkat cells stained with RR676 (Red). The cells were fixed with 4% paraformaldehyde for 10 mins. The cells were then incubated in the antibody (RR676, 1:200 dilution) in 1x PBS/1% BSA for 30 min at room temperature. The secondary antibody used was a Goat Anti-Rabbit Alexa Fluor® 488 (IgG H+L) at 1:2,000 dilution for 20 min at room temperature. Unlabelled sample (Black) was used as a control.

Background References:

- Xu H et al. Oncotarget 8:14039-14049 (2017).
- Zhang GP et al. J Cell Mol Med 21:254-264 (2017).

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.