

## DATASHEET

# CD34 Rabbit Monoclonal Antibody(ARA785)

CAT. NO. ARA6572

### KEY FEATURES

Target	CD34	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	IHC,FC	Conjugation	Unconjugated
Storage	at-20°C		

### 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.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:800-1:1600
FC	1:50-1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Rabbit Monoclonal Antibody to CD34
Antibody Type	Primary antibody
Predicted MW	41kDa
Immunogen	analysis of placenta tissue labelling CD34 with RR676 at 1:1,600. Heat A synthetic peptide corresponding to the C-term of mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0. CD34 was used as an immunogen.
Purification	ProA affinity purified IgG
Form / Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.60%.
Alternative Names	Hematopoietic progenitor cell antigen CD34; CD34
Gene Symbol	CD34
Entrez Gene	947(Human)
Swissprot ID	P28906

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

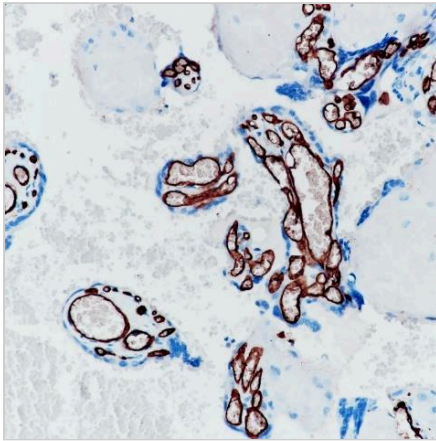
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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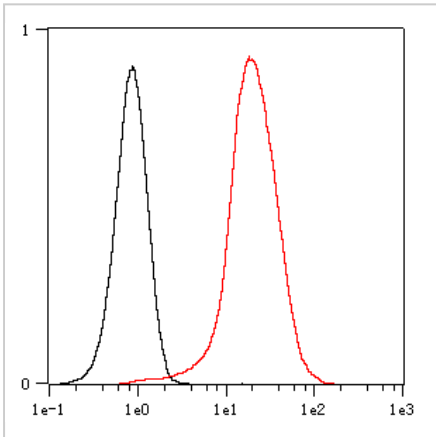
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**DATA**



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of placenta tissue labelling CD34 with ARA785 at 1:1,600. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.



Overlay histogram showing Jurkat cells stained with ARA785 (Red). The cells were fixed with 4% paraformaldehyde for 10 mins. The cells were then incubated in the antibody (ARA785, 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.

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com](http://www.arexbio.com)