

DATASHEET

CD34 Mouse Monoclonal Antibody (ARM948)

CAT. NO. ARM6738

KEY FEATURES

Target	CD34	Clone ID	ARM948
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

Cluster of Differentiation 34 (CD34) is a transmembrane glycoprotein expressed on hematopoietic stem and progenitor cells, vascular endothelium, embryonic fibroblasts, and rare glial cells in nervous tissue. CD34 is the most used marker for characterizing blasts in leukemia. CD34 is also present in some soft tissue tumours including solitary fibrous tumours and gastrointestinal stromal tumours. Proliferating endothelial cells seem to upregulate CD34 expression. Although specificity is low, Anti-CD34 reacts positively with more than 85% of angiosarcoma and Kaposi's sarcoma.

APPLICATION

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

Application	IHC
Dilution Ratio	1:100-1:200

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

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1, lamda
Positive Control	Tonsil, Placenta
Localization	Membranous
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	CD34
Entrez Gene ID	947
Uniprot	P28906
Alternative Names	Hematopoietic progenitor cell antigen CD34; CD34

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

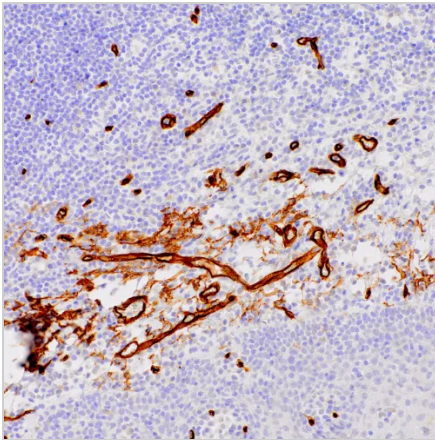
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

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

DATA

Immunohistochemical staining of human tonsil tissue using CD34 Mouse Monoclonal Antibody (ARM948).

RESEARCH USE ONLY

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

More information: [www.arexbio.com / cd34-mouse-monoclonal-antibody-arm948-arm6738](http://www.arexbio.com/cd34-mouse-monoclonal-antibody-arm948-arm6738)