SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

Anti-Mouse CD34
Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL8927A	Ascites	0.5ml	NA	**CLCR2A00**
CL8927AP	Purified	250µg	1.0 mg/ml	**CLCR2A00**
CL8927AP-2	Purified	500µg	1.0 mg/ml	**CLCR2A00**
CL8927B	Biotin	100µg	0.1 mg/ml	**CLCR2A15**
CL8927B-3	Biotin	300µg	0.1 mg/ml	**CLCR2A15**
CL8927F	FITC	100µg	0.1 mg/ml	**CLCR2A01**
CL8927F-3	FITC	300µg	0.1 mg/ml	**CLCR2A01**
CL8927NA	Purified No Azide	1.0mg	1.0mg/ml	**CLCR2A00**
CL8927PE	PE	50µg	0.1 mg/ml	**CLCR2A04**
CL8927PE-3	PE	300µg	0.1 mg/ml	**CLCR2A04**
CL8927AF4	Alexa Fluor®488	100 µg	0.1 mg/ml	N/A

Alexa Fluor® is a registered trademark of Life Technologies Corporation.

Ig Class: Rat IgG_{2a}

DESCRIPTION:

Cedarlane's anti mouse CD34 reacts with Mouse CD34, a protein present on endothelial cells and hematopoietic progenitor cells. The antibody recognizes a neuraminidase sensitive epitope on endothelium in *vivo*, particularly on small vessels and neoformed capillaries and developing vascular structures in embryonal structures.

The antibody reacts with hematopoietic progenitors particularly of myelomonocytic colony forming cells. It is a useful reagent for identification and characterization of capillary endothelial cells. Furthermore the antibody can be used for isolation and characterization of hematopoietic progenitor cells.

This clone is suitable for use in ELISA, immunofluorescence, immunohistochemistry on frozen and paraffin sections, Western Blot, immunoprecipitation, flow cytometry and cell separation.

PRESENTATION:
Ascites: 0.5ml Lyophilized.
Purified: Purified IgG buffered in PBS and 0.02% NaN_3. (Purified from ascitic fluid via Protein G Chromatography). For maximal recovery of contents, please quick-spin vial before opening.
Biotin, FITC, PE and AF488: Biotin/FITC/PE/AF488 conjugated IgG buffered in PBS, 0.02% NaN_3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
No Azide: Purified Ig buffered in PBS, no preservative, 0.2um sterile filtered.

In CANADA: Toll Free: 1-800-268-5058
4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
e-mail: general@cedarlanelabs.com

In the USA: Toll Free: 1-800-721-1644
1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138
e-mail: service@cedarlanelabs.com

STORAGE/STABILITY:

For all formats, store at 4°C. DO NOT FREEZE **PE and AF488** conjugates. For long term storage (**Ascites**, **Purified, Biotin, FITC** and **NA**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: MEC 14.7

Immunogen: murine transformed endothelioma cell line t-end.

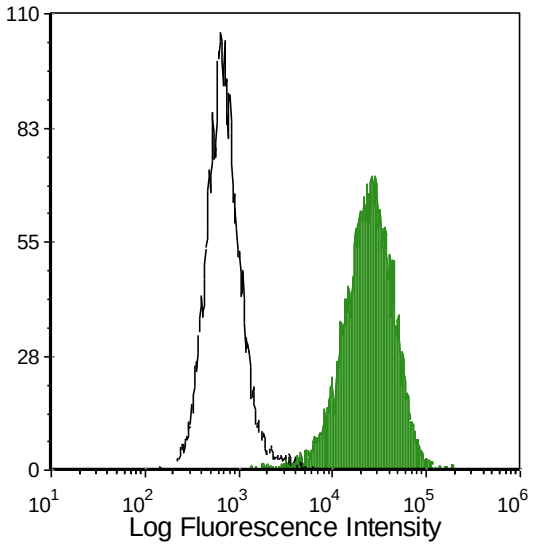
Specificity: Mouse CD34

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Cell Concentration: $1x10^6$ cells per test
Antibody Concentration Used: 0.5 µg/10^6 cells

Cell Source	Percentage of cell stained above control:
H5V Cell Line	98%
BM	6.9%



The mouse heart endothelial (H5V) cell line was stained with anti-CD34 (clone: MEC14.7) (filled histogram) or rat IgG2a isotype control (open histogram).

N.B. Appropriate control samples should always be included in any labeling studies.
*** For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

REFERENCES:

1. Garlanda *et al*. *Eur. J. of Cell Biology*. **73**:368-377, 1997.
2. Solberg, H. *et al*. *J. of Histochem. and Cytochem*. **49**: 237-246, 2001.
3. Solberg, H. *et al*. *Development*. **130**:4439-4450, 2003.
4. Zilocchi, C. *et al*. *J. Exp. Med*. **188**: 133-143, 1998.
5. Lin, G., et al. Eur. J. Immunol. 25:1508-1516, 1995.
6. Voswinckel, R., et al. Circ. Res. 93:372-279, 2003.
7. Ishii, G., et al. Stem Cells. 23:699-706, 2005.
8. Kairaitis, L.K., et al. Am. J. Phusiol Reanl Phusiol, 288: F198-F206, 2005
9. Zheng, Y., et al. J. Invest. Dermatol. 1-10, 2005.

FOR RESEARCH USE ONLY