

Rat anti-Mouse CD34 Monoclonal Antibody | anti-CD34 antibody

Anti-Mouse CD34, Biotin (Clone MEC14.7) (rat IgG2a)

CATALOG # AAA74204	HOST Rat	REACTIVITY Mouse	APPLICATIONS Western Blot, ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry
------------------------------	--------------------	----------------------------	--

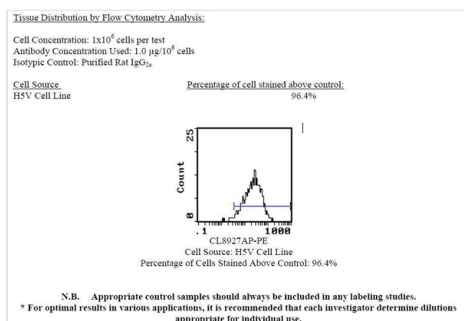
PRODUCT SYNONYMS

CD34; Monoclonal Antibody; Anti-Mouse CD34; Biotin (Clone MEC14.7) (rat IgG2a); Anti-Mouse CD34 Monoclonal Antibody; anti-CD34 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2a
Clone Number	MEC 14.7
Specificity	CD34 (mucosialin; sialomucin) (Mouse CD34)
Form/Format	Biotin
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	328
Applicable Applications for anti-CD34 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Presentation	Biotin/FITC/PE 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.
Preparation and Storage	For all formats, store at 4 degree C. DO NOT FREEZE PE conjugates. For long term storage (Ascites, Purified, Biotin, FITC), aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD34 antibody	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 frozen4 and paraffin sections2,3, Western Blot, immunoprecipitation, flow cytometry and cell separation
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	264769
NCBI GeneID	947
UniProt Accession #	P28906; Q15970; Q15971; Q5JTA3; Q5JTA4; Q9UJB1; A8K664
Molecular Weight	40,716 Da
NCBI Official Full Name	CD34
NCBI Official Synonym Full Names	CD34 molecule
NCBI Official Symbol	CD34
NCBI Protein Information	hematopoietic progenitor cell antigen CD34; CD34 antigen
UniProt Protein Name	Hematopoietic progenitor cell antigen CD34
UniProt Gene Name	CD34
UniProt Entry Name	CD34_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.