

Rat CD34 Monoclonal Antibody | anti-CD34 antibody

RAT ANTI MOUSE CD34:FITC

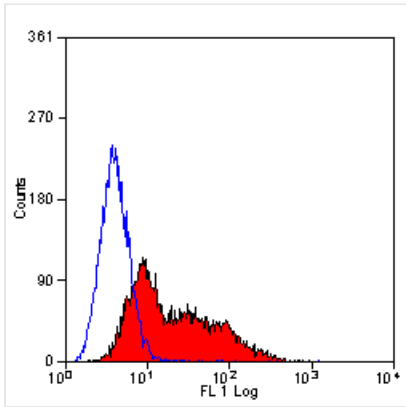
CATALOG # AAA49070	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

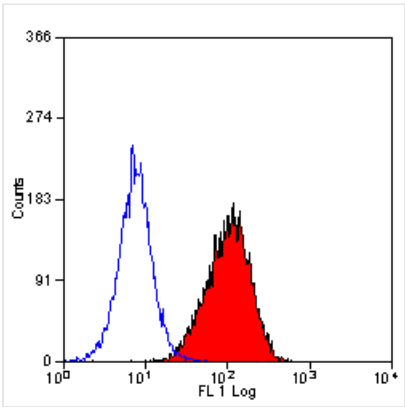
CD34; Monoclonal Antibody; RAT ANTI MOUSE CD34:FITC; anti-CD34 antibody

PRODUCT SPECIFICATIONS

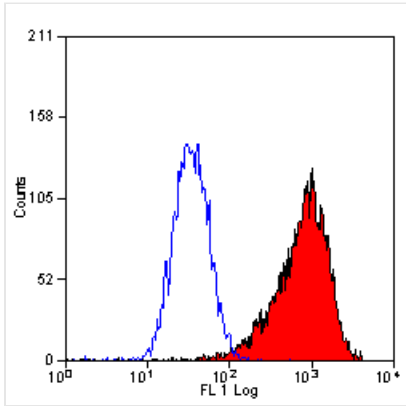
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	MEC14.7
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	382
Applicable Applications for anti-CD34 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	T-end.1, a pMT transformed endothelial cell line Buffer Solution
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



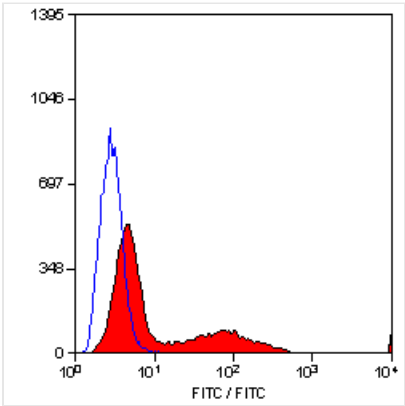
Application Data
Staining of mouse bone marrow with Rat anti Mouse CD34: Alexa Fluor 647



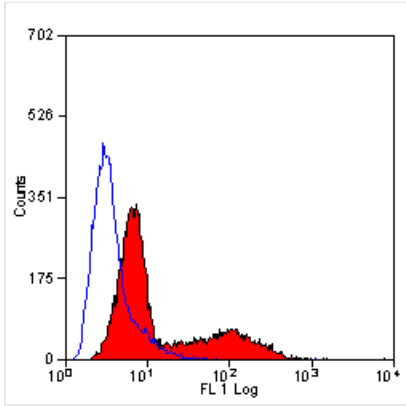
Application Data
Staining of WEHI cells with Rat anti Mouse CD34: RPE



Application Data
Staining of WEHI cells with Rat anti Mouse CD34



Application Data
Staining of mouse bone marrow cells with Rat anti Mouse CD34:FITC



Application Data
Staining of mouse bone marrow with Rat anti Mouse CD34: Alexa Fluor 488

ADDITIONAL INFORMATION

Related Product Information for anti-CD34 antibody

Rat anti Mouse CD34 antibody, clone MEC14.7 recognizes the murine CD34 cell surface antigen, which is expressed by endothelial cells and by haematopoietic stem cells. This antibody recognizes a neuraminidase sensitive epitope. As in the human system, CD34 antibodies in the mouse demonstrate slightly different staining patterns depending on their fine specificity. Rat anti Mouse CD34 antibody, clone MEC14.7 appears to recognize a subset of the stem cell population recognized by clone RAM34, and it is thought that this is due to differences in the epitope recognized by the two antibodies.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19526792
NCBI GeneID	12490
NCBI Accession #	NP_598415.1
NCBI GenBank Nucleotide #	NM_133654.3
UniProt Accession #	Q64314; Q62550; Q62551
Molecular Weight	35,263 Da
NCBI Official Full Name	hematopoietic progenitor cell antigen CD34 isoform 2
NCBI Official Synonym Full Names	CD34 antigen
NCBI Official Symbol	Cd34
NCBI Official Synonym Symbols	AU040960
NCBI Protein Information	hematopoietic progenitor cell antigen CD34; cluster designation 34
UniProt Protein Name	Hematopoietic progenitor cell antigen CD34
UniProt Gene Name	Cd34
UniProt Entry Name	CD34_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd34-antibody-clone-mec14-7-flow-cytometry-elisa/49070>