

Rat CD34 Monoclonal Antibody | anti-CD34 antibody

RAT ANTI MOUSE CD34

CATALOG # AAA49618	HOST Rat	APPLICATIONS Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay
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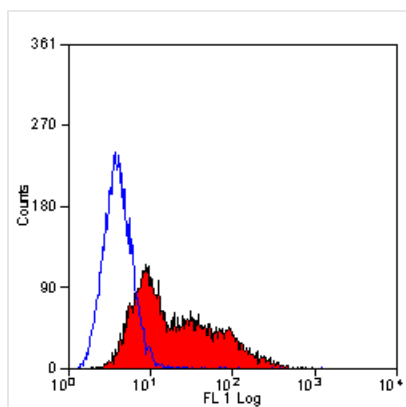
PRODUCT SYNONYMS

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

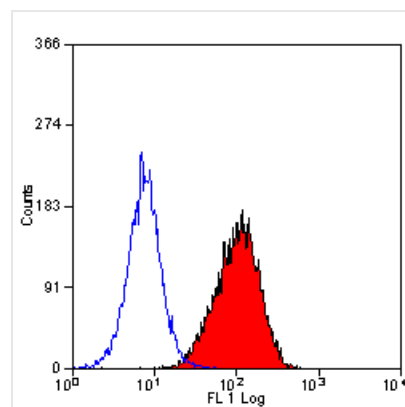
PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	MEC14.7
Form/Format	Purified IgG - liquid; Phosphate buffered saline
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-CD34 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	T-end.1, a pMT transformed endothelial cell line
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. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

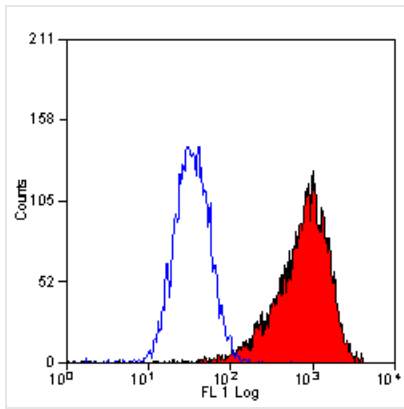
IMAGES


Application Data

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

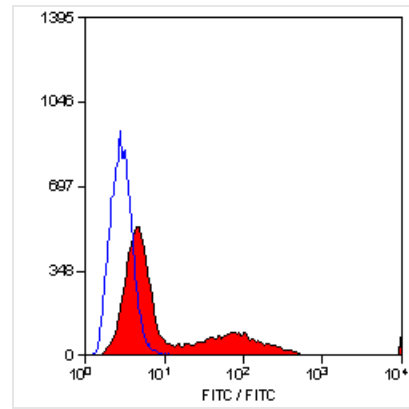

Application Data

Staining of WEHI cells with Rat anti Mouse CD34: RPE



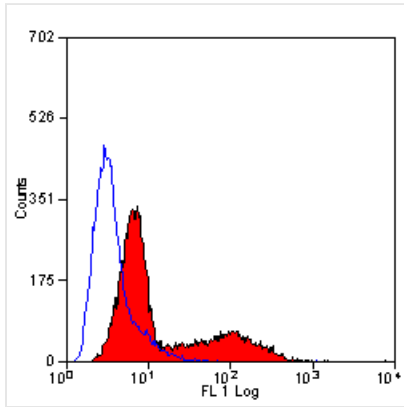
Application Data

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
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://stage.aaabiotech.com/monoclonal/cd34-antibody-clone-mec14-7-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/49618>