

Mouse CD34 Monoclonal Antibody | anti-CD34 antibody

MOUSE ANTI DOG CD34:RPE

CATALOG #	HOST	APPLICATIONS
AAA49501	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD34; Monoclonal Antibody; MOUSE ANTI DOG CD34:RPE; anti-CD34 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1H6
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized
Sequence Length	332
Applicable Applications for anti-CD34 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Canine CD34 fusion protein
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin 5% Sucrose
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Target Species	Dog
Max Ex/Em	Fluorophore: PE 488nm laser PE 561nm laser Excitation (nm): 496 546 Emission (nm): 578 578
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS-1/FOX-NY myeloma cell line
Reconstitution	Reconstitute with 1 ml distilled water
Preparation and Storage	Prior to reconstitution store at 4°C. After reconstitution store at 4°C. DO NOT FREEZE. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of reconstitution.

IMAGES



Application Data
Staining of CLL-1390 cells with Mouse anti Canine CD34:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD34 antibody	Mouse anti dog CD34 antibody, clone 1H6 is specific for canine homologue of CD34, a glycosylated type 1 transmembrane protein of approximately 110kDa (McSweeney et al. 1998) expressed on the cell surface of endothelial cells and haematopoietic stem cells. Clone 1H6 is a key marker of canine hematopoietic progenitor cells. Clone 1H6 is reported for use in CD34+ enrichment studies, (Goerner, M. et al. 2001) and (Horn, P. et al. 2004).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50979186
NCBI GeneID	415130
NCBI Accession #	NP_001003341.1
NCBI GenBank Nucleotide #	NM_001003341.1
UniProt Accession #	Q28270
Molecular Weight	35,523 Da
NCBI Official Full Name	hematopoietic progenitor cell antigen CD34
NCBI Official Symbol	CD34
NCBI Protein Information	hematopoietic progenitor cell antigen CD34; CD34 antigen; hematopoietic progenitor cell marker CD34
UniProt Protein Name	Hematopoietic progenitor cell antigen CD34
UniProt Gene Name	CD34
UniProt Entry Name	CD34_CANFA

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-1h6-flow-cytometry-elisa/49501>