



Anti-CD34 monoclonal antibody, clone 1H6 [FITC] (CABT-50418MD)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti dog CD34 antibody, clone 1H6 is specific for canine homologue of CD34, a glycosylated type 1 transmembrane protein of approximately 110kDa 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. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Specificity	CD34
Immunogen	Canine CD34 fusion protein.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Dog
Clone	1H6
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. 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.

GENE INFORMATION

Gene Name	CD34 CD34 molecule [Canis lupus familiaris (dog)]
Official Symbol	CD34
Synonyms	CD34; hematopoietic progenitor cell antigen CD34; CD34 antigen; hematopoietic progenitor cell marker CD34;
Entrez Gene ID	415130
Protein Refseq	NP_001003341
UniProt ID	Q28270
Chromosome Location	chromosome: 7
Pathway	Adaptive Immune System; Cell adhesion molecules (CAMs); Hematopoietic cell lineage; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	carbohydrate binding;