



Anti-CD34 monoclonal antibody, clone 581 (CABT-50438MH)

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

PRODUCT INFORMATION

Product Overview	This product recognises the human CD34 cell surface antigen, binding to an epitope classified as class III (resistant to neuraminadase, chymopapain and glycoprotease). CD34 is a 105-120 kD glycoprotein, expressed by haematopoietic stem cells and endothelial cells. Flow Cytometry Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
Specificity	CD34
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Cynomolgus monkey
Clone	581
Conjugate	Unconjugated
Applications	IHC-Fr; FC
Format	Purified IgG - liquid.
Size	100 µg
Preservative	0.09% Sodium Azide
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.

GENE INFORMATION

Gene Name	CD34 CD34 molecule [Homo sapiens (human)]
Official Symbol	CD34
Synonyms	CD34; CD34 molecule; hematopoietic progenitor cell antigen CD34; CD34 antigen;
Entrez Gene ID	947
Protein Refseq	NP_001020280
UniProt ID	P28906
Chromosome Location	1q32
Pathway	Adaptive Immune System; C-MYB transcription factor network; Cell adhesion molecules (CAMs); Hematopoietic cell lineage; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	carbohydrate binding; sulfate binding; transcription factor binding;