Mouse CD34-mIgG2a

Cat No.:	03-01-0360
Product Name:	Mouse CD34-mIgG2a
Description:	CD34,known as hematopoietic progenitor cell antigen,functions as a cell-cell adhesion factor, and mediate the attachment of stem cells to bone marrow extracellular matrix or directly to stromal cells.CD34 is a commonly used cell surface marker for Hematopoietic Stem Cells.Cells expressing CD34 (CD34+ cell) are normally found in the umbilical cord and bone marrow as hematopoietic cells, a subset of mesenchymal stem cells, endothelial progenitor cells, endothelial cells of blood vessels but not lymphatics (except pleural lymphatics), mast cells, a sub-population dendritic cells (which are factor XIIIa-negative) in the interstitium and around the adnexa of dermis of skin, as well as cells in soft tissue tumors like DFSP, GIST, SFT, HPC, and to some degree in MPNSTs, etc. The presence of CD34 on non-hematopoietic cells in various tissues has been linked to progenitor and adult stem cell phenotypes.
Type:	Protein
Property:	Recombinant Protein
Source:	HEK293
Genbank No.:	Q64314 (aa.35-287)

Applications:	ELISA, WB, Immunogen
Formulation:	Each vial contains 50ug purified protein(1mg/ml) in PBS(pH7.4).
Purity:	>95%
Storage:	Store at -80°C, Avoid freeze / thaw cycle.
Limitation:	For research use only, not for use in diagnostic procedures.