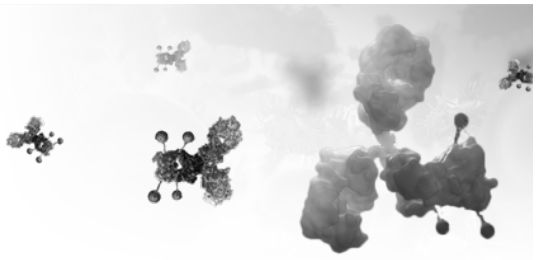

Rabbit Anti-CD34 monoclonal antibody, clone TJ27-12 (CABT-32740RH)

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

PRODUCT INFORMATION

Target	CD34
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Dog
Clone	TJ27-12
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP
Molecular Weight	120 kDa
Cellular Localization	Membrane.
Positive Control	HUVEC, A549, SH-SY-5Y, human tonsil tissue, mouse kidney tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	CD34 is a heavily glycosylated, transmembrane glycoprotein that is expressed on the surface of lymphohematopoietic stem and progenitor cells, small-vessel endothelial cells, embryonic fibroblasts and some cells in fetal and adult nervous tissue. CD34 antigen expression is highest in the most primitive stem cells and is gradually lost as lineage committed progenitors differentiate. The CD34 antigen is also present on capillary endothelial cells and on bone marrow stromal cells. The CD34 cytoplasmic domain has an intracellular domain that contains consensus sites for activated protein kinase C (PKC) phosphorylation as well as serine, threonine and tyrosine phosphorylation consensus sites.
Keywords	CD34;CD34 antigen;CD34 molecule;CD34_HUMAN;Cluster designation 34;Hematopoietic progenitor cell antigen CD34;HPCA1;Mucosialin;OTTHUMP00000034733;OTTHUMP00000034734 antibody

GENE INFORMATION

Entrez Gene ID	4654

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