

Product datasheet for **CF804168**

CD34 Mouse Monoclonal Antibody [Clone ID: OTI105C4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI105C4
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	HEK293T cells transfected with full length human CD34 gene (RC204446)
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40.5 kDa
Gene Name:	CD34 molecule
Database Link:	NP_001020280 Entrez Gene 947 Human P28906
Synonyms:	CD34 antigen; CD34 molecule; hematopoietic progenitor cell antigen CD34; OTTHUMP00000034733; OTTHUMP00000034734

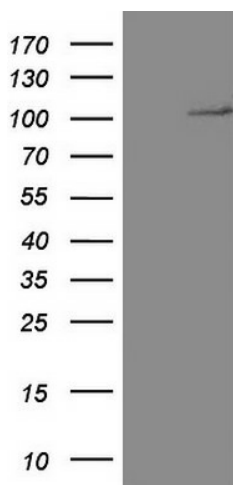


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Protein Families: Adult stem cells, Cancer stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs), Hematopoietic cell lineage

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD34 ([RC204446], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD34. Positive lysates [LY422593] (100ug) and [LC422593] (20ug) can be purchased separately from OriGene.