

Mouse Monoclonal Antibody to FLT4

Catalogue Number	sAP-0413
Target Molecule	Name: FLT4 Aliases: PCL; FLT41; LMPH1A; VEGFR3; FLT4 MW: 145kDa Entrez Gene ID: 2324
Description	This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA. Tissue specificity: Placenta, lung, heart, and kidney, does not seem to be expressed in pancreas and brain. VEGFR-3 is induced in all endothelial cells (EC's) during early embryogenesis, and its expression eventually disappears from the vascular endothelial cells of adult tissues. VEGFR-3 is constitutively expressed in the adult lymphatic endothelium. Although VEGFR-3 is not expressed in adult blood vessels, it is induced in vascular endothelial cells of tumor-bearing tissues. VEGFR-3 expression in adults is largely restricted to the endothelial cells of the lymphatic system, and
Immunogen	Purified recombinant fragment of human FLT4 expressed in E. Coli. ;
Recitative Species	Human
Clone	MM4H4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Prostate. 2009 Jun 15;69(9):982-90. ; 2. J Cell Sci. 2009 Sep 15;122(Pt 18):3358-64. ; 3. Oncol Rep. 2009 Nov;22(5):1093-100.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**