

## Mouse Monoclonal Antibody to FLT4

<b>Catalogue Number</b>	sAP-0413
<b>Target Molecule</b>	<p><b>Name:</b> FLT4</p> <p><b>Aliases:</b> PCL; FLT41; LMPH1A; VEGFR3; FLT4</p> <p><b>MW:</b> 145kDa</p> <p><b>Entrez Gene ID:</b> 2324</p>
<b>Description</b>	<p>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 1A. 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</p>
<b>Immunogen</b>	Purified recombinant fragment of human FLT4 expressed in E. Coli. ;
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM4H4;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	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**