



FLT4 Mouse Monoclonal Antibody

E10-30060

Background: 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 high endothelial venules (HEV).

Catalog Number: E10-30060

Amount: 100µg/100µl

Clone Number: 4H4

Species: Mouse IgG1

MW: 145kDa

Aliases: PCL; FLT41; LMPH1A; VEGFR3; FLT4

Entrez Gene: 2324

Immunogen: Purified recombinant fragment of human FLT4 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, ELISA: Propose dilution 1/10000.

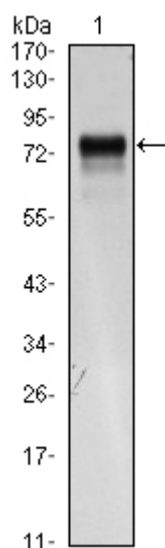


Figure 1: Western blot analysis using FLT4 mAb against FLT4-hlgFc transfected HEK293 cell lysate.

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