



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to FLT4

Catalog Number: MAB-606030060

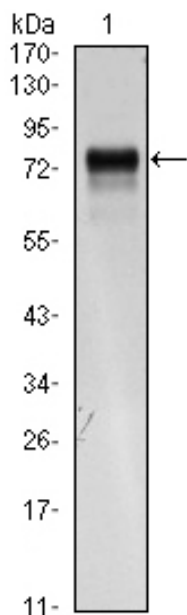


Figure 1: Western blot analysis using FLT4 mAb against FLT4-hIgGfc transfected HEK293 cell lysate.

Lot#:
Clone#: 4H4
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 145kDa
Aliases: PCL; FLT41; LMPH1A;
VEGFR3; FLT4
Entrez Gene: 2324
Species reactivity: Human

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 (ECi'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).

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

Application Western Blotting: 1/500 - 1/2000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

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

Related product

References 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.

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