

## Product datasheet for **AM06464SU-N**

### FLT4 Mouse Monoclonal Antibody [Clone ID: 4H4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	4H4
Applications:	ELISA, WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Western Blot:</b> 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human FLT4 expressed in E. Coli.
Specificity:	Recognizes VEGFR-3 / Flt-4
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	145 kDa
Gene Name:	fms related tyrosine kinase 4
Database Link:	<a href="#">Entrez Gene 2324 Human P35916</a>



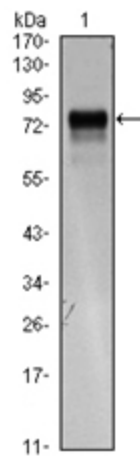
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**Background:**

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).

**Synonyms:**

VEGFR3, FLT4, VEGF Receptor 3

**Product images:**

Western blot analysis using FLT4 antibody Cat.-  
No AM06464SU-N against FLT4 (AA: 25-330)-  
hlgGfC transfected HEK293 cell lysate.