

## Product datasheet for **AM11070PU-N**

### FLT4 Mouse Monoclonal Antibody [Clone ID: 44CT92.4.4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	44CT92.4.4
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1,000. <b>Western blotting:</b> 1/2,000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified His-tagged VGFR3 protein (Fragment).
Specificity:	This antibody is specific to Human VEGF Receptor 3. Other species not tested.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store 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:	152757 Da
Gene Name:	fms related tyrosine kinase 4
Database Link:	<a href="#">Entrez Gene 2324 Human P35916</a>



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**Background:** VEGFR3 is a tyrosine kinase receptor for vascular endothelial growth factors C and D. This protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in the gene coding for this protein cause hereditary lymphedema type IA.

**Synonyms:** VEGFR3, FLT4, VEGF Receptor 3

**Product images:**

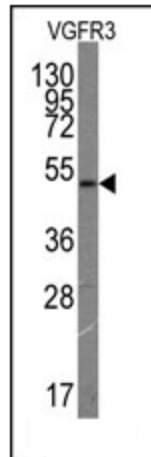


Figure 1. Western blot analysis of anti-VEGFR3 Monoclonal Antibody by VEGFR3 recombinant protein (Fragment 50KD). VEGFR3 protein (arrow) was detected using the Purified Mab.

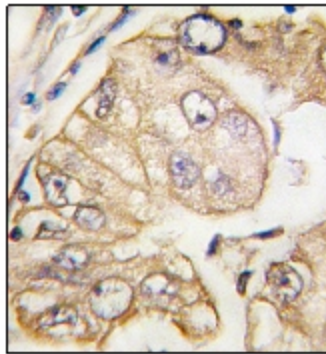


Figure 2. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with VEGFR3 Monoclonal Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.