

## Product datasheet for **TA806805AM**

### FLT4 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1G2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1G2
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1063-1363 of human FLT4(NP_891555) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	150.2 kDa
Gene Name:	fms related tyrosine kinase 4
Database Link:	<a href="#">NP_891555</a> <a href="#">Entrez Gene 14257 Mouse</a> <a href="#">Entrez Gene 114110 Rat</a> <a href="#">Entrez Gene 2324 Human</a> <a href="#">P35916</a>
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. [provided by RefSeq, Jul 2008]
Synonyms:	FLT-4; FLT41; LMPH1A; PCL; VEGFR-3; VEGFR3

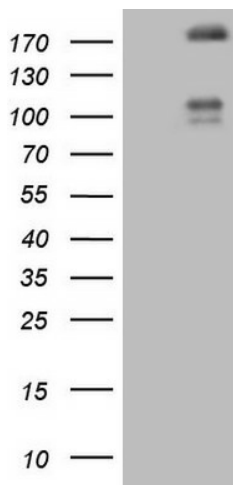


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**Protein Families:** Druggable Genome, Protein Kinase, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction, Focal adhesion

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FLT4 (Cat# [RC214285], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FLT4(Cat# [TA806805]). Positive lysates [LY405313] (100ug) and [LC405313] (20ug) can be purchased separately from OriGene.