

Product datasheet for **TA320334**

Flt3 Rat Monoclonal Antibody [Clone ID: AFL4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AFL4
Recommended Dilution:	Flow, IHC, Functional Assay, IP, WB
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	FMS-like tyrosine kinase 3
Database Link:	NP_034359 Entrez Gene 14255 Mouse Q00342

Background: The AFL4 monoclonal antibody reacts with the mouse VEGF receptor-3, also known as Flt-4. This 195 kDa molecule was identified as an endothelial-specific member of the receptor tyrosine kinase (RTK) family. During early embryogenesis all endothelial cells express VEGFR-3, while in the adult tissues, VEGFR-3 expression disappears from the vascular endothelial cells and is observed only on the lymphatic endothelium. However, VEGFR-3 expression is induced in the adult tissue upon tumor implementation suggesting an important role for this receptor in the tumor angiogenesis. VEGF-C and VEGF-D bind to and activate VEGFR-3. AFL4 is an antagonist mAb.

Synonyms: CD135; FLK2; STK-1; STK1



[View online »](#)