

Product datasheet for **DM3512B**

FLT4 Mouse Monoclonal Antibody [Clone ID: 3C3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3C3
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 0.5-1.5 µg/ml in direct ELISA, allows detection of 0.25-0.5 ng/well. Western blot: 0.5-1 µg/ml, detection limit is approximately 5 ng/lane under reducing conditions.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant human Vascular Endothelial Growth Factor Receptor 3 (rh VEGFR-3/FLT-4) extracellular domain.
Specificity:	Detects Human VEGFR-3/FLT-4.
Formulation:	0.1M Tris-Cl, 0.2M NaCl, pH 7.4 containing BSA (50x) as stabilizer and 0.02% Sodium Azide as preservative. Label: Biotin State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of > 0.5 mg/ml.
Purification:	Affinity Chromatography on Protein G .
Conjugation:	Biotin
Storage:	The lyophilized IgG is stable at 2-8°C for one month and for one year from despatch when kept at -20°C. When reconstituted in sterile water to a concentration of > 0.5 mg/ml the antibody is stable for six weeks at 2-8°C or at -20°C for longer. Aliquot to avoid repeated freezing and thawing.
Gene Name:	fms related tyrosine kinase 4
Database Link:	Entrez Gene 2324 Human P35916



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Background: VEGFR-3/FLT-4, belongs to the class III subfamily of receptor tyrosine kinases. VEGFR-3/FLT-4 mediates the angiogenic activity of VEGF-C and VEGF-D on lymphatic endothelial cells.

Synonyms: VEGFR3, FLT4, VEGF Receptor 3