



## VEGFR1 (Phospho-Tyr1048) Antibody

E11-8198A

**Catalog Number:** E11-8198A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P17948

**Other Names:** EC 2.7.1.112; EC 2.7.10.1; FLT; Flt-1; FLT1; Fms-like tyrosine kinase 1; FRT; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular endothelial growth factor receptor 1; vascular permeability factor receptor; VGFR1

**All Sites:** Human: Tyr1048; Mouse: Tyr1048; Rat: Tyr1048

**Storage/Stability:** Store at -20 °C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human VEGFR1 around the phosphorylation site of tyrosine 1048 (D-I-Y<sup>P</sup>-K-N).

**Purification:** The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

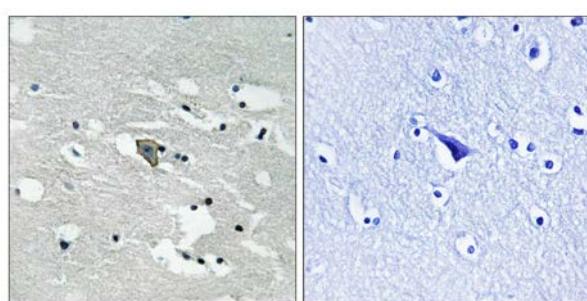
**Specificity:** VEGFR1 (Phospho-Tyr1048) antibody detects endogenous levels of VEGFR1 only when phosphorylated at tyrosine 1048.

**Reactivity:** Human (Identities = 100%, Positives = 100%);  
Mouse (Identities = 100%, Positives = 100%);  
Rat (Identities = 100%, Positives = 100%)

**Applications:** IHC: 1:50~1:100      ELISA: 1:1000

### References:

Shibuya M., Oncogene 5:519-524(1990).  
Kendall R.L., Proc. Natl. Acad. Sci. U.S.A. 90:10705-10709(1993).  
The MGC Project Team; Genome Res. 14:2121-2127(2004).



P-peptide      -      +  
Immunohistochemistry analysis of paraffin-embedded human brain tissue using VEGFR1 (Phospho-Tyr1048) antibody.