

## Product datasheet for **AP01883PU-N**

### VEGF Receptor 1 (FLT1) pTyr1333 Rabbit Polyclonal Antibody

#### Product data:

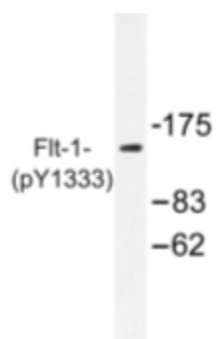
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Western blot:</b> 1/500-1/1000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of Flt-1 protein when phosphorylated at Tyr1333.
Formulation:	Phosphate buffered saline (PBS), pH~7.2 containing 0.05% Sodium Azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE).
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store the antibody 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:	~ 180 kDa
Gene Name:	fms related tyrosine kinase 1
Database Link:	<a href="#">Entrez Gene 2321 Human P17948</a>
Background:	VEGF Receptor 1 (also known as FLT) belongs to the src gene family and shows tyrosine protein kinase activity that is important for the control of cell proliferation and differentiation. The protein acts as a receptor for VEGF, VEGFB and PGF. An alternatively spliced form of the gene produces a soluble protein (sFlt1) which binds vascular endothelial growth factor (VEGF) with high affinity. sFlt1 has a higher affinity for VEGF indicating that it may function as an inhibitor in the VEGF response. VEGF Receptor 1 is specifically expressed in most vascular endothelial cells and peripheral blood monocytes.



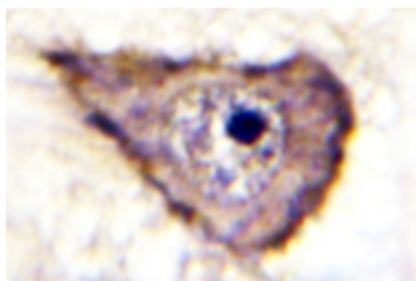
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Synonyms: VEGFR1, FLT1, FLT, FRT, VEGF Receptor 1

### Product images:



Western blot (WB) analysis of Flt-1 (pTyr1333) antibody (Cat.-No.: AP01883PU-N) in extracts from K562 cells treated with etoposide.



Immunohistochemistry (IHC) analyzes of Flt-1 (pTyr1333) antibody (Cat.-No.: AP01883PU-N) in paraffin-embedded human brain tissue.