

## Anti-Phospho-FLT1 (Tyr1213) Polyclonal Antibody 2

## Product Details

|                   |   |
|-------------------|---|
| Ig Type:          | IgG   |
| Reactivity:       | Human,Mouse,Rat   |
| Conjugation:      | Unconjugated  |
| Molecular Weight: | Actual: 150 kDa.  |
| Purification:     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

## Applications

|              |                                |
|--------------|--------------------------------|
| Application: | WB,ELISA                       |
| Recommended  | WB: 1:500-2000; ELISA: 1:40000 |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | A synthesized phosphopeptide: human Flt-1 around the phosphorylation site of Tyr1213 |
| Antigen Species: | human  |
| Uniprot ID:      | P17948   |
| Synonyms:        | FLT1 (p-Y1213);p-FLT1 (Tyr1213);p-FLT1 (Y1213);FLT1 (p-Tyr1213)                      |

## Research Background

fms related tyrosine kinase 1(FLT1) Homo sapiens This gene encodes a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia.[provided by RefSeq, May 2009],

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