

## Polyclonal Antibody to CD309 / VEGFR-2 / Flk-1 - Purified

<b>Alternate names:</b>	FLK1, KDR, Kinase NYK, Kinase insert domain receptor, Protein-tyrosine kinase receptor Flk-1, VEGF Receptor 2, VEGFR2, Vascular endothelial growth factor receptor 2
<b>Catalog No.:</b>	AP15556PU-S
<b>Quantity:</b>	0.1 ml
<b>Background:</b>	Flk-1 / KDR / VEGFR2, a cell membrane receptor kinase, is a high affinity receptor for vascular endothelial growth factor and is putatively involved in the growth of endothelial cells and angiogenesis. It contains seven immunoglobulin like sequences in the extracellular domain and exhibits sequence similarity to Flt-1 and Flt-4.
<b>Uniprot ID:</b>	<a href="#">P35968</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>GeneID:</b>	<a href="#">3791</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	A synthetic peptide derived from C-terminal of Mouse Flk-1.
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> PBS, pH 7.6 with 1% BSA and less than 0.1% Sodium Azide
<b>Applications:</b>	<b>Immunohistochemistry on Paraffin Sections:</b> 1/50 for 10 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. <b>Recommended Positive Control:</b> Placenta and Angiosarcoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Molecular Weight:</b>	~180 kDa
<b>Specificity:</b>	This antibody recognizes FLK1.
<b>Species Reactivity:</b>	<b>Tested:</b> Human. <b>Expected from sequence similarity:</b> Mouse
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Shelf life: one year from despatch.

**Pictures:**

Human placenta stained with Anti-Flk-1 antibody

