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<b>Catalog Number:</b>	RA21018	<b>Host:</b>	Rabbit
<b>Product Type:</b>	Rabbit Polyclonal IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen Sequence:</b>	Synthetic peptide	<b>Format:</b>	Lyophilized powder.
<b>Applications:</b>	Immunohistochemistry: 5-10 ug/ml Immunofluorescence: 5-15 ug/ml Western Blot: 1 ug/ml		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

**Storage:** The product can be stored as supplied for up to 12 months at 2°C-4°C. After reconstitution, aliquot and store at -20°C for higher stability or at 4°C with an appropriate antibacterial agent. Avoid freeze thaw-cycles.

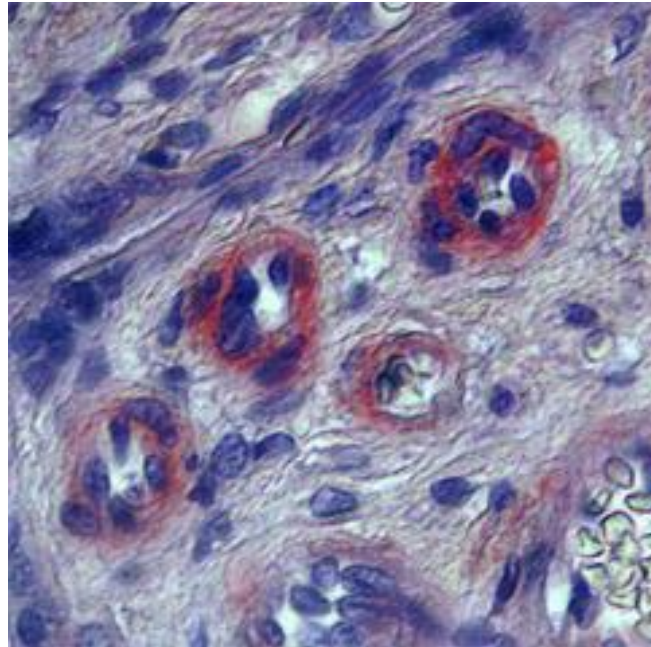
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### Application Notes

#### Description/Data:

KDR is the receptor for VEGF or VEGFC. It has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.

*Images: Immunohistochemical detection of KDR in blood vessels endothelial cells in formalin fixed human placenta. 8 µm paraffin-embedded tissue sections were incubated with rabbit polyclonal antibody to KDR at 8 µg/mL overnight at 4°C followed by HRP/AEC detection (red) and counterstaining with hematoxylin (blue).*



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