

## CABP0382

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### Product Information

<b>Product SKU:</b>	CABP0382	<b>Gene ID:</b>	3791	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	230kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	152kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.

**Recommended Dilution:** WB,1:100 - 1:500

**Synonyms:** FLK1; CD309; VEGFR; VEGFR2; Phospho-VEGF Receptor 2-Y1175

**Purification Method:** Affinity purification

**Immunogen:** A synthetic phosphorylated peptide around Y1175 of human VEGF Receptor 2 (NP\_002244.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.