

**Product Name: Phospho-VEGF Receptor 2 (Tyr1175)  
Rabbit Polyclonal Antibody  
Catalog #: APRab00945**

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## Summary

<b>Production Name</b>	Phospho-VEGF Receptor 2 (Tyr1175) Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC-P, ICC/IF
<b>Reactivity</b>	Human, Mouse, Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	KDR KDR; FLK1; VEGFR2; Vascular endothelial growth factor receptor 2; VEGFR-2; Fetal liver
<b>Alternative Names</b>	kinase 1; FLK-1; Kinase insert domain receptor; KDR; Protein-tyrosine kinase receptor flk-1; CD antigen CD309
<b>Gene ID</b>	3791
<b>SwissProt ID</b>	P35968

## Application

<b>Dilution Ratio</b>	IHC: 1/50-1/100 ICC: 1/100-1/200
<b>Molecular Weight</b>	-

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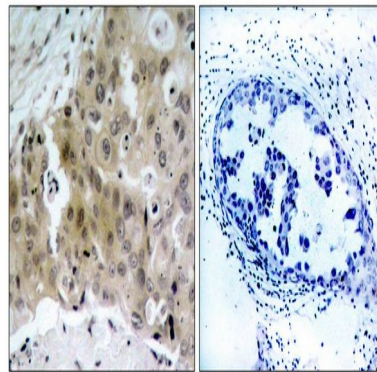
## Background

VEGFR-2 is a receptor tyrosine kinase of the VEGFR family. High affinity receptor for VEGF and VEGF-C. Ligand binding induces autophosphorylation and activation. Activated receptor recruits proteins including Shc, GRB2, PI3K, Nck, SHP-1 and SHP-2.

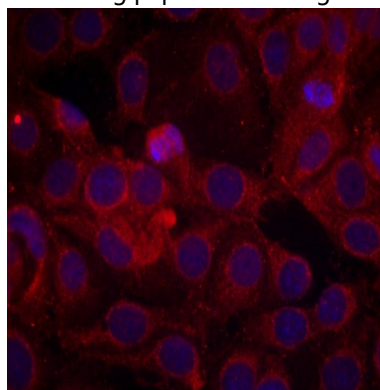
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using Phospho-VEGF Receptor 2 (Tyr1175) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunofluorescence analysis of Phospho-VEGF Receptor 2 (Tyr1175) in MCF-7 cells using Phospho-VEGF Receptor 2 (Tyr1175) antibody, and DAPI (blue).

## Note

For research use only.

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