

**Product Name: VEGF Receptor 1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02756**



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## Summary

<b>Production Name</b>	VEGF Receptor 1 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal 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>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	FLT1
<b>Alternative Names</b>	VEGFR-1; VEGF Receptor 1; FLT-1; FLT; FRT; VEGFR1; Fms-like tyrosine kinase 1; Tyrosine-protein kinase FRT
<b>Gene ID</b>	2321
<b>SwissProt ID</b>	P17948

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 151 kDa; Observed MW: 180 kDa

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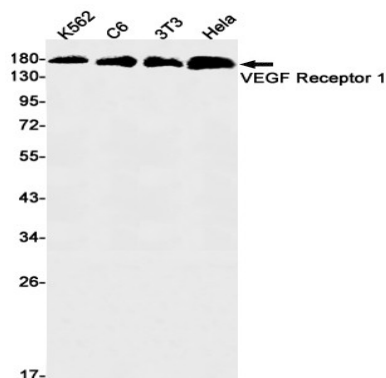
## Background

Tyrosine-protein kinase that acts as a cell-surface receptor for VEGFA, VEGFB and PGF, and plays an essential role in the development of embryonic vasculature, the regulation of angiogenesis, cell survival, cell migration, macrophage function, chemotaxis, and cancer cell invasion. May play an essential role as a negative regulator of embryonic angiogenesis by inhibiting excessive proliferation of endothelial cells.

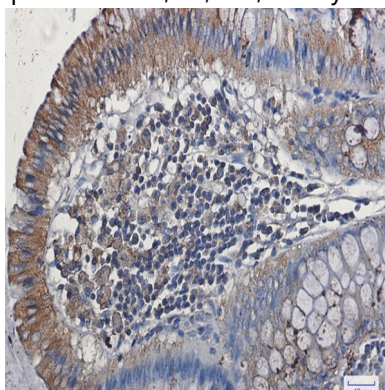
## Research Area

Cardiovascular

## Image Data



Western blot analysis of VEGF Receptor 1 in K562, C6, 3T3, HeLa lysates using VEGF Receptor 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using VEGF Receptor 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.