

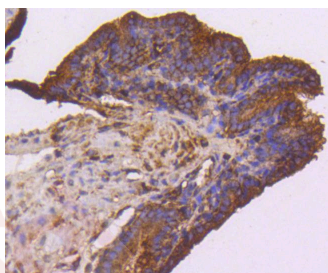
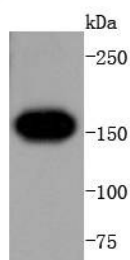
## Anti-FLT1 Antibody (9B367)

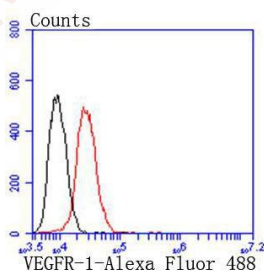
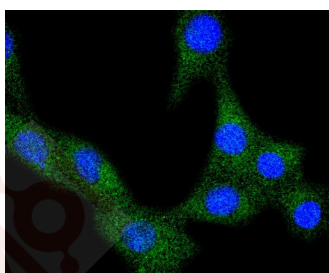
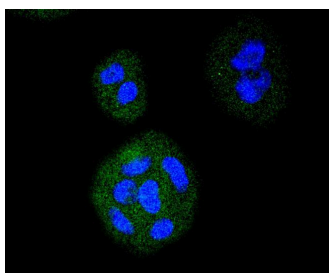
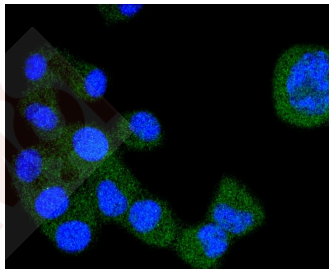
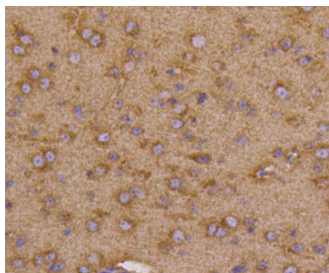
### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 151 kDa.
Clone:	9B367
Purification:	ProA affinity purified

### Applications

- Verified Activity:
1. Western blot analysis of VEGF Receptor 1 on mouse lung lysates using anti-VEGF Receptor 1 antibody at 1/1,000 dilution.
  2. Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-VEGF Receptor 1 antibody. Counter stained with hematoxylin.
  3. Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-VEGF Receptor 1 antibody. Counter stained with hematoxylin.
  4. ICC staining VEGF Receptor 1 in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
  5. ICC staining VEGF Receptor 1 in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
  6. ICC staining VEGF Receptor 1 in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
  7. Flow cytometric analysis of A431 cells with VEGF Receptor 1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





Application: FCM, ICC/IF, IHC, IP, WB

Recommended WB: 1:1000-2000; IHC: 1:50-200; ICC/IF: 1:50-200; FCM: 1:50-100

### Properties

Stability & Storage: Store at  $-20^{\circ}\text{C}$  or  $-80^{\circ}\text{C}$  for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein  
Uniprot ID: P17948  
Synonyms: VEGFR1;FLT1;FRT;Flt-1;VEGF R1;FLT

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### Research Background

Three cell membrane receptor tyrosine kinases, Flt (also designated VEGF-R1), Flk-1 (also designated VEGF-R2) and Flt-4, putatively involved in the growth of endothelial cells, are characterized by the presence of seven immunoglobulin-like sequences in their extracellular domain. These receptors exhibit high degrees of sequence relatedness to each other as well as lesser degrees of relatedness to the class III receptors including CSF-1/Fms, PDGR, SLFR/Kit and Flt-3/Flk-2. Two members of this receptor class, Flt-1 and Flk-1, have been shown to represent high affinity receptors for vascular endothelial growth factors (VEGFs). On the basis of structural similarity to Flt and Flk-1, it has been speculated that Flt-4 might represent a third receptor for either VEGF or a VEGF-related ligand.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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