

## Anti-VEGFR2/KDR Antibody (5J724)

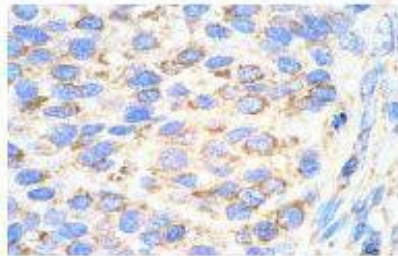
### Product Details

Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 150 kDa.
Clone:	5J724
Purification:	ProA affinity purified

### Applications

#### Verified Activity:

1. Immunoperoxidase staining of formalin-fixed, paraffin-embedded human colon carcinoma tissue showing membrane staining.



Application: IF,IHC-P,IP,WB

Recommended WB: 1:1000; IHC-P: 1:50-500; IP: 1-2 µg per 100-500 µg of total protein

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Peptide

Uniprot ID: P35918

Synonyms: kinase insert domain receptor

### 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 immunoglobulinlike 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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