

## Rabbit VEGFR2 Polyclonal Antibody | anti-VEGFR2 antibody

VEGFR2 (Ab-1214) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA307398 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

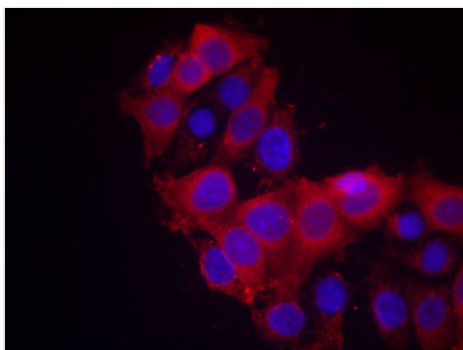
### PRODUCT SYNONYMS

VEGFR2; Polyclonal Antibody; VEGFR2 (Ab-1214) Antibody; FLK1; KDR; VGFR2; VGR2; kinase insert domain receptor; anti-VEGFR2 antibody

### PRODUCT SPECIFICATIONS

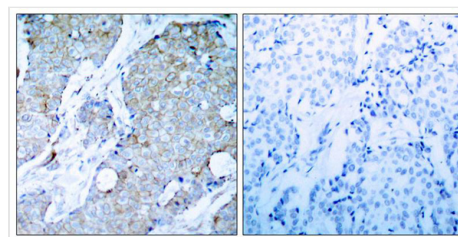
|                                                  |                                                                                                                                                                               |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                        |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                             |
| Clonality                                        | Polyclonal                                                                                                                                                                    |
| Specificity                                      | The antibody detects endogenous level of total VEGFR2 protein.                                                                                                                |
| Purity/Purification                              | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Form/Format                                      | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                  |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                                                                     |
| Sequence Length                                  | 1356                                                                                                                                                                          |
| Applicable Applications for anti-VEGFR2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                        |
| Immunogen Type                                   | Peptide-KLH                                                                                                                                                                   |
| Immunogen Description                            | Peptide sequence around aa.1212~1216 (F-H-Y-D-N) derived from Human VEGFR2.                                                                                                   |
| Target Name                                      | VEGFR2                                                                                                                                                                        |
| Preparation and Storage                          | Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.                                                                       |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed MCF cells using VEGFR2(Ab-1214) Antibody.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using VEGFR2(Ab-1214) Antibody (left) or the same antibody preincubated with blocking peptide(right).

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-VEGFR2 antibody | Receptor for VEGF or VEGFC. Has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions |
| Product Categories/Family for anti-VEGFR2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 11321597                                       |
| NCBI GeneID                      | 3791                                           |
| NCBI Accession #                 | NP_002244.1                                    |
| NCBI GenBank Nucleotide #        | NM_002253.2                                    |
| UniProt Accession #              | P35968; O60723; Q14178; A2RRS0; B5A925; C5IFA0 |
| Molecular Weight                 | 79,634 Da                                      |
| NCBI Official Full Name          | vascular endothelial growth factor receptor 2  |
| NCBI Official Synonym Full Names | kinase insert domain receptor                  |
| NCBI Official Symbol             | KDR                                            |
| NCBI Official Synonym Symbols    | FLK1; CD309; VEGFR; VEGFR2                     |
| NCBI Protein Information         | vascular endothelial growth factor receptor 2  |
| UniProt Protein Name             | Vascular endothelial growth factor receptor 2  |
| UniProt Gene Name                | KDR                                            |
| UniProt Synonym Gene Names       | FLK1; VEGFR2; VEGFR-2; FLK-1; KDR              |
| UniProt Entry Name               | VGFR2_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vegfr2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307398>