

## VEGFR2/KDR/CD309 recombinant antibody

Anti-VEGFR2/KDR/CD309 Reference Antibody (olinvacimab)

| CATALOG # | HOST     | REACTIVITY        | APPLICATIONS                                              |
|-----------|----------|-------------------|-----------------------------------------------------------|
| AAA297178 | CHO Cell | Human, Mouse, Rat | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

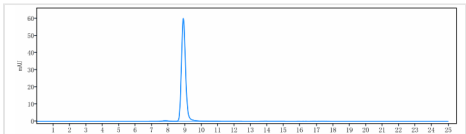
### PRODUCT SYNONYMS

VEGFR2/KDR/CD309; Monoclonal Recombinant Antibody; Anti-VEGFR2/KDR/CD309 Reference Antibody (olinvacimab); VEGFR2/KDR/CD309 recombinant antibody

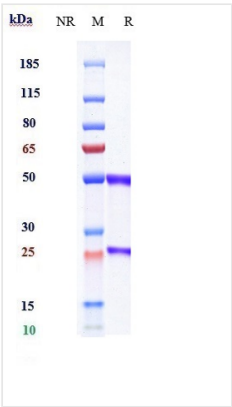
### PRODUCT SPECIFICATIONS

|                                                                   |                                                                                                                                                  |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                              | CHO Cell                                                                                                                                         |
| Reactivity                                                        | Human, Mouse, Rat                                                                                                                                |
| Clonality                                                         | Monoclonal                                                                                                                                       |
| Isotype                                                           | IgG1                                                                                                                                             |
| Specificity                                                       | VEGFR2/KDR/CD309                                                                                                                                 |
| Form/Format                                                       | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.                 |
| Concentration                                                     | 1mg/ml (varies by lot)                                                                                                                           |
| Applicable Applications for VEGFR2/KDR/CD309 recombinant antibody | FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA                                                                                          |
| Endotoxin                                                         | < 0.001EU/ug, determined by LAL method.                                                                                                          |
| Conjugation                                                       | Unconjugated                                                                                                                                     |
| Dry Ice Note                                                      | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                               |
| Preparation and Storage                                           | Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles. |

IMAGES



**Application Data**  
The purity of Anti-VEGFR2 / KDR / CD309 Reference Antibody (olinvacimab) is more than 99.12% ,determined by SEC-HPLC.



**SDS-PAGE**  
Anti-VEGFR2 / KDR / CD309 Reference Antibody (olinvacimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

|                                                                     |                    |
|---------------------------------------------------------------------|--------------------|
| Product Categories/Family for VEGFR2/KDR/CD309 recombinant antibody | Primary Antibodies |
|---------------------------------------------------------------------|--------------------|

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                 | 151,527 Da                                                                                                                                                                                |
| NCBI Official Full Name          | vascular endothelial growth factor receptor 2                                                                                                                                             |
| NCBI Official Synonym Full Names | kinase insert domain receptor (a type III receptor tyrosine kinase)                                                                                                                       |
| NCBI Official Symbol             | KDR                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | FLK1; CD309; VEGFR; VEGFR2                                                                                                                                                                |
| NCBI Protein Information         | vascular endothelial growth factor receptor 2; soluble VEGFR2; fetal liver kinase 1; fetal liver kinase-1; protein-tyrosine kinase receptor Flk-1; tyrosine kinase growth factor receptor |
| 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.