

## Anti-VEGF Receptor 2 Rabbit Monoclonal Antibody

### Introduction

VEGFR-2 is a receptor tyrosine kinase of the VEGFR family. High affinity receptor for VEGF and VEGF-C. Ligand binding induces autophosphorylation and activation. Activated receptor recruits proteins including Shc, GRB2, PI3K, Nck, SHP-1 and SHP-2.

### Product parameters

|                    |  |
|--------------------|--|
| Alternative Names  | KDR; FLK1; VEGFR2; Vascular endothelial growth factor receptor 2; VEGFR-2; Fetal liver kinase 1; FLK-1; Kinase insert domain receptor; KDR; Protein-tyrosine kinase receptor flk-1; CD antigen CD309 |
| Gene ID            | 3791   |
| Gene Name          | KDR  |
| SwissProt ID       | P35968   |
| Host               | Rabbit   |
| Reactivity         | Human  |
| Molecular Weight   | Calculated MW: 152 kDa; Observed MW: 210,230 kDa   |
| Conjugation        | Unconjugated   |
| Ex                 | -  |
| Em                 | -  |
| Modification       | Unmodified   |
| Clonality          | IgG  |
| Isotype            | Monoclonal Antibody  |
| Clonality No.      | AP-1C8A10  |
| Form               | Liquid   |
| Concentration      | See label  |
| Carrier            | Carrier Free   |
| Immunogen          | A synthesized peptide derived from human VEGF Receptor 2   |
| Purification       | Affinity Chromatography  |
| Buffer System      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Application        | WB, IP   |
| Dilution Ratio     | WB: 1/500-1/1000 IP: 1/20  |
| Research Field     | Epigenetics and Nuclear Signaling  |
| Product Categories | Primary antibody   |
| Shipping           | Blue ice   |

|                 |                                  |
|-----------------|----------------------------------|
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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