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## **Biotinylated anti-human VEGFR-2/KDR (Cl. 3 (4H3))**

**Description:** Monoclonal antibodies were produced with the help of BALB/c mice using recombinant human soluble extracellular KDR (110 kDa) as the immunizing antigen. Mouse IgG<sub>1</sub> antibody (clone 3 (4H3)) from hybridomas was purified from cell culture supernatant by Protein G chromatography and then biotinylated using a standard protocol.

<b>Host species</b>	Mouse
<b>Antigen:</b>	Recombinant human soluble KDR protein
<b>Purification:</b>	Protein G chromatography
<b>Stabilizer:</b>	BSA (50X)
<b>Buffer:</b>	0.1M Tris-Cl, 0.2M NaCl, 0.02% NaN <sub>3</sub> , pH 7.4
<b>Formulation:</b>	lyophilized

**Reconstitution:** The biotinylated antibody should be reconstituted to a concentration of 50 µg/ml with sterile PBS solution containing 0.1% BSA. This solution can be stored at 4°C for at least one month without detectable loss of activity. Frozen aliquots of this solution are stable for at least 6 months when kept at -20°C. **Avoid more than one freeze-thaw cycle.**

**Stability:** The lyophilized antibody is best stored desiccated below 0°C. Reconstituted anti-VEGFR-2/KDR is stable at 4°C for >one month or can be stored in working aliquots at 20°C for more than six months.

**Specificity:** The monoclonal antibody will detect native human VEGFR-2/KDR in ELISA experiments and on the surface of different human cell types.

### **Applications**

**FACS analysis and cell sorting:** Use at 2-5 µg/ml.

**Optimal dilutions should be determined by each laboratory for each application.**

**Usage:** Anti-human VEGFR-2/KDR is offered for research use. Not for drug use. **Not for human use!**

**Catalogue number:** 101-MBi32

**Size:** 50 µg

**\*\* please note: always centrifuge vials before opening \*\***