



11 Park Drive, Suite 12  
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## Anti-human VEGFR-2/KDR (cl. 4)

**Description:** Monoclonals 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 4) from hybridomas was purified from cell culture supernatant by Protein G chromatography.

<b>Host species</b>	Mouse
<b>Antigen:</b>	Recombinant human soluble KDR protein
<b>Purification:</b>	Protein G chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	PBS pH 7.4 w/o preservative
<b>Formulation:</b>	lyophilized

**Reconstitution:** When reconstituted in sterile water to a concentration of 1.0 mg/ml the antibody is stable for at least six weeks at 2-4°C.

**Stability:** The lyophilized antibody, though stable at room temperature, 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

**ELISA:** Use at 1-15 µg/ml.

**Western blotting:** Use at 1-2 µg/ml

**Immunohistochemistry:** Use at 6-30 µg/ml.

**Immunofluorescence:** Use at 1-2 µg/ml.

**FACS analysis and cell sorting:** Use at 2-5 µg/ml together with the appropriate secondary reagents.

**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-M34

**Size:** 100 µg

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