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## Agonistic Antibody of Mouse VEGFR-2

**Description:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with purified mouse VEGFR2 N-terminal fragment (AA N30-200)). The IgG 2a fraction of the tissue culture supernatant was purified by Protein G affinity chromatography.

<b>Host species</b>	Rat
<b>Antigen:</b>	mVEGFR-2 N-terminal fragment (AA N30-200)).
<b>Purification:</b>	Protein G chromatography
<b>Stabilizer:</b>	none
<b>Formulation:</b>	lyophilized

**Formulation and storage:** The antibody was purified from tissue culture supernatant by affinity chromatography. The antibody solution should be stored undiluted at 4°C.

**Specificity:** This antibody recognizes mVEGFR2 in Western blot and immunoprecipitation assays. It shows no cross-reactivity with mVEGFR-1.

### *Applications:*

- 1. VEGFR2 activation:** This antibody can induce mVEGFR-2 phosphorylation in mSENDs at > 1.0 µg/mL.
- 2. Western blotting:** Yes
- 3. Immunoprecipitation:** Yes

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

mV1001r-m (µg/ml)	-	-	1	2,5	5
VEGF (10ng/ml)	-	+	-	-	-



Mouse skin endothelial cell (mSENDs) were stimulated with mV1001r-m or 10ng/ml VEGF for 30min. Phospho-VEGFR2 was detected with IP-Western for P-Tyrosine

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

**Catalogue number:** mV1001r-m

**Size:** 200 µg