

## Agonistic antibody of mouse VEGFR2

### ORDERING INFORMATION

<b>Catalog No:</b>	mV1001r-m
<b>Size:</b>	200 µg
<b>Storage:</b>	4° C
<b>Immunogen:</b>	mVEGFR2 N-terminal fragment (N30-200)
<b>Ig Type:</b>	rat IgG 2a
<b>Clone:</b>	3D09
<b>Applications:</b>	mVEGFR2 tyrosine phosphorylation

**Preparation:** 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 fraction of the tissue culture supernatant was purified by Protein G affinity chromatography.

**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 mVEGFR1.

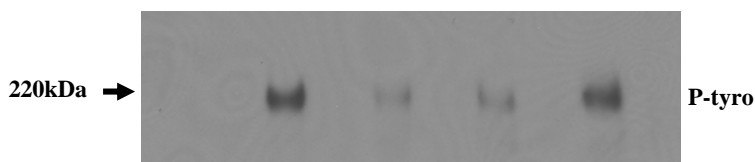
#### Applications:

##### 1. VEGFR2 activation:

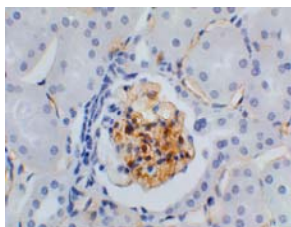
This antibody can induce mVEGFR2 phosphorylation in mSENDs at > 1.0 µg/mL.

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|-------------------------|-----|
| 2. Western blotting:    | Yes |
| 3. Immunoprecipitation: | Yes |
| 4. Immunohistochemistry | Yes |

mV1001r-m	-	-	1.0	2.5	5.0 µg/ml
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



Endothelial specific staining pattern of mouse VEGFR2 in normal mouse kidney (Paraffin section) with mV1001r-m rat (DAB)