



## Anti-Human KDR / VEGFR-2, bt (#4) (MAB)

Synonyms: vascular endothelial growth factor receptor-2 , KDR, FLK1, CD309, VEGF receptor 2, VEGFR2, kinase insert domain protein receptor

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order#	Lot#	Expiry Date
50 µg	1621.551.050		
Please enquire for bulk quantities and other vial sizes.			

### Description

VEGF R1 (Flt-1), VEGF R2 (KDR/Flk-1), and VEGF R3 (Flt-4) belong to the class III subfamily of receptor tyrosine kinases (RTKs). All three receptors contain seven immunoglobulin-like repeats in their extracellular domain and kinase insert domains in their intracellular region. They are best known for regulating VEGF family-mediated vasculogenesis, angiogenesis, and lymphangiogenesis. They are also mediators of neurotrophic activity and regulators of hematopoietic development. Human VEGF R2 is thought to be the primary inducer of VEGF-mediated blood vessel growth, while VEGF R3 plays a significant role in VEGF-C and VEGF-D-mediated lymphangiogenesis.

- **Source** Mouse
- **Isotype** IgG1
- **Clone** AB-531 J7

### Biological Activity

FACS: Use at 2-10 µg/ml; Western Blot: Use at 2-5 µg/ml

### Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

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\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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