



Anti-Human Flt-1 / VEGFR-1 (AB-FXD)

Synonyms: vascular endothelial growth factor receptor-1, FLT1, VEGF receptor 1

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
100 µg	2032.650.100		
Please enquire for bulk quantities and other vial sizes.			

Description

VEGFR-1 is a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia.

- **Source** Mouse
- **Isotype** IgG1
- **Clone** AB-FXD

Biological Activity

ELISA: Use 1–10 µg/ml; Western blotting: Use at 2–5 µg/ml; The monoclonal antibody will detect native and denatured human VEGFR-1/Flt-1 in ELISA experiments and on the surface of different human cell types.

Reconstitution

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

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

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

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