

Rabbit Anti-Mouse VEGFR-2/Flk-1 (Peptide), soluble

ORDERING INFORMATION

Catalog Number:	103-PA19
Size:	100 µg
Formulation:	Polyclonal Antibody ; Lyophilized
Synonyms:	sKdr; sLy73; sFlk-1; sVEGFR2
Antigen:	peptide: GMEASLGDRAMP
Application:	WB
Uniport:	P35918
Buffer:	PBS pH 7.4 w/o preservative

Description:

The antibody recognizes solely the endogenous soluble form of mouse vascular endothelial growth factor receptor 2, also known as CD309, VEGFR2, KDR, protein tyrosine kinase receptor flk-1, and fetal liver kinase-1. The endogenous soluble mouse esFlk-1 generated by alternative splicing consists of the first 6 Ig-like loops followed by the unique C-terminal end: GMEASLGDRAMP. Flk-1 is a member of the tyrosine protein kinase family, sub-family CSF-1/PDGF, that contains a single pass transmembrane receptor with a protein kinase domain and seven immunoglobulin-like domains in the extracellular region. Flk-1 is expressed at high levels in adult heart, lung, kidney, brain, and skeletal muscle; other tissues express at lower levels. Flk-1 is a receptor for VEGF-A or fully processed VEGF-C; ligand binding plays a key role in vascular development and vascular permeability.

Reconstitution:

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

Stability:

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

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

The listed dilutions are for recommendation only and the final conditions should be optimized by the end user.

This product is sold for Research Use Only !