

Rabbit Anti-Human VEGFR-3/FLT-4

ORDERING INFORMATION

Catalog Number:	102-PA22AG
Size:	50 µg
Formulation:	Polyclonal Antibody ; Lyophilized
Synonyms:	FLT4; PCL; LMPH1A; VEGFR3
Antigen:	RH sFLT-4 (D1-7) (RT #S01-017)
Application:	WB, IP, E, IHC (C)
Label:	None
Buffer:	PBS pH 7.4 w/o preservative

Description:

Receptor tyrosine Kinase VEGFR-3, also known as FLT4, together with VEGFR1 (FIT1) and VEGFR2 (KDR/Flk-1), are the receptors for vascular endothelial growth factors (VEGF). The VEGFR family belongs to the class II subfamily of receptor tyrosine kinases (RTKs), containing a large extracellular region which is composed of seven Ig-like domains (D1-D7), a single transmembrane (TM) helix and cytoplasmic region with a tyrosine kinase activity. In VEGFR-3, the fifth Ig homology domain is proteolytically cleaved which results in polypeptides remain linked by two disulfide bonds. VEGFR-3 is widely expressed on all endothelia cells in early embryogenesis, while, in adult tissues, VEGFR-3 expression disappears from the vascular endothelial cells and is observed only on the lymphatic endothelium. VEGF-C and VEGF-D activation of VEGFR-3 plays an important role in the formation of the lymphatic vessel system.

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 ender users!

This product is sold for Research Use Only !