

VEGFR3 monoclonal antibody

Catalog: MB66974

Host: Mouse

Reactivity: Human

BackGround:

Vascular endothelial growth factor receptor 3 (VEGFR3) is a 195 kDa membrane receptor tyrosine kinase. VEGF receptors are characterized by the presence of seven extracellular immunoglobulin (Ig)-like domains followed by a membrane-spanning domain and a conserved intracellular tyrosine kinase domain. VEGF receptor 3 expression is largely restricted to adult lymphatic endothelium and is thought to control lymphangiogenesis. Binding of VEGF-C/VEGF-D to VEGFR3 results in transphosphorylation of tyrosine residues in its intracellular domain, recruitment of signaling molecules and activation of ERK1/2 and Akt signaling cascades.

Product:

Mouse IgG2a. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 175 kDa

Swiss-Prot:

P35916

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

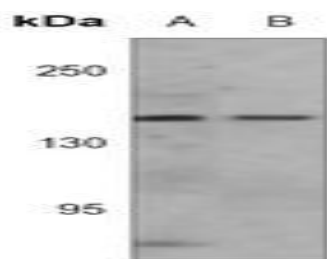
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

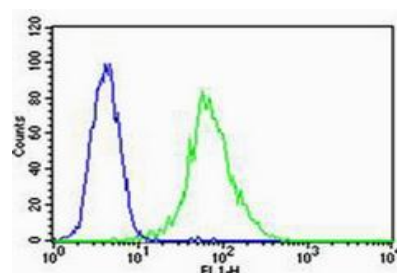
Specificity:

Recognizes endogenous levels of VEGFR3 protein.

DATA:



Western blot analysis of VEGFR3 expression in A549 (A), 293T (B) whole cell lysates.



Note:

For research use only, not for use in diagnostic procedure.

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