



TEK Polyclonal Antibody

E90742

Catalog Number: E90742**Amount:** 100ul

Background: The TEK receptor tyrosine kinase is expressed almost exclusively in endothelial cells in mice, rats, and humans. This receptor possesses a unique extracellular domain containing 2 immunoglobulin-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronectin type III-like repeats. The ligand for the receptor is angiopoietin-1. Defects in TEK are associated with inherited venous malformations; the TEK signaling pathway appears to be critical for endothelial cell-smooth muscle cell communication in venous morphogenesis. TEK is closely related to the TIE receptor tyrosine kinase. [provided by RefSeq, Jul 2008]

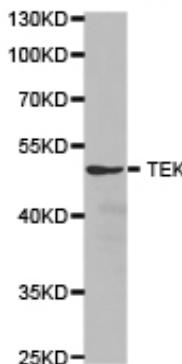
Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: CD202B; TIE-2; TIE2; VMCM; VMCM1**Immunogen:** Recombinant protein of human TEK**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB**Molecular Weight:** 126kDa**Swiss-Prot No.:** Q02763**Gene ID:** 7010

WB 1:500 - 1:1000

Mouse lung



Western blot analysis of extracts of mouse lung tissue, using TEK antibody.

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