

TIE-2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251663

Unit: 0.1 mg

Description:

The TEK receptor tyrosine kinase (TIE2) is expressed almost exclusively in endothelial cells in mice, rats, and humans. The TIE2 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 TIE2 is angiopoietin-1. The TIE2 signaling pathway appears to be critical for endothelial cell-smooth muscle cell communication in venous morphogenesis. Defects in TIE2 are associated with inherited venous malformations.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, P, R

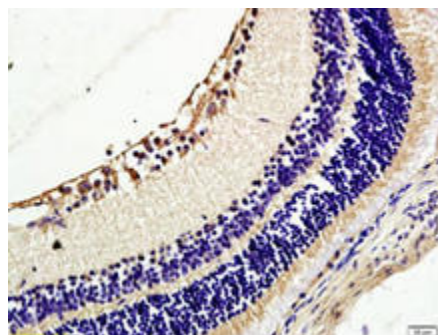
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: CD202b; Tie-2; Porcine tyrosine kinase with immunoglobulin-like and EGF-like domains 2; Protein-tyrosine kinase Tie2; Angiopoietin-1 receptor; Tyrosine-protein kinase receptor TIE-2; Tyrosine-protein kinase receptor TEK; Tunica interna endothelial cell kinase; p140 TEK; TIE2

Accession No.: Q02763

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of rat TIE2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



TIE-2 staining in rat retina. Formalin-fixed paraffin-embedded rat retina tissue is stained with TIE-2 Antibody (Cat. No. 251663) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.