

# Tie-2(Phospho Tyr1108) Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP14956

Host Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human TIE2 around the

phosphorylation site of Tyr1108. AA range:1074-1123

Mol wt 125811

Species reactivity Human, Mouse

**Clonality** Polyclonal

Recommended application WB, IF, ICC, ELISA

Concentration 1 mg/ml

Full name Angiopoietin-1 receptor

Synonyms Angiopoietin-1 receptor; TEK; TIE2; VMCM; VMCM1; Angiopoietin-1 receptor; Endothelial tyrosine

kinase; Tunica interna endothelial cell kinase; Tyrosine kinase with Ig and EGF homology domains-2;

Tyrosine-protein kinase receptor TEK; Tyrosine-protein kinase receptor

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

This gene encodes a receptor that belongs to the protein tyrosine kinase Tie2 family. The encoded protein possesses a unique extracellular region that contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. The ligand angiopoietin-1 binds to this receptor and mediates a signaling pathway that functions in embryonic vascular development. Mutations in this gene are associated with inherited venous malformations of the skin and mucous membranes. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

### Recommended Dilution

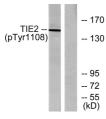
WB: 1: 500 - 1: 2000 IF: 1: 200 - 1: 1000 ICC: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

#### **Images**



Immunofluorescence analysis of HepG2 cells, using TIE2 (Phospho-Tyr1108) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells, using TIE2 (Phospho-Tyr1108) Antibody. The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com