

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Ephrin-B1 (N312) Peptide

Cat No.: BS1639P

#### Background

Eph receptors and ephrins exhibit complementary expression in many tissues during embryogenesis indicating that bidirectional activation of Eph receptors and ephrin-B proteins may occur at expression domain interfaces. Ephrin-B1 transduces outside-in signals through C-terminal protein interactions that effect integrin-mediated cell attachment and migration. The distribution of ephrin-B1 in the developing retina suggests that it influences retinal axon mapping along the dorsal-ventral axis and may be involved in intratectal development. The transmembrane ligand ephrin-B2 and its receptor tyrosine kinase EphB4 are specifically expressed on arterial and venous endothelial cells, respectively.

#### Swiss-Prot

P98172

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1639 Ephrin-B1 (N312) pAb.

#### Purification & Purity

Synthetic peptide Ephrin-B1 (N312). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

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