

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Ephrin-B1/2 (Q324) Peptide

Cat No.: BS1398P

#### Background

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. Bidirectional signals mediated by both proteins play an important role in vascular development. Ephrin-B2 is essential for the normal morphogenesis of the embryonic vasculature and is angiogenic in tumors. It has been identified as an important target of chemotherapeutic treatments.

#### Swiss-Prot

P98172/P52799

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1398 Ephrin-B1/2 (Q324) pAb.

#### Purification & Purity

Synthetic peptide Ephrin-B1/2 (Q324). (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.

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