

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### EphB4 (E601) Peptide

Cat No.: BS2018P

#### Background

EphB4, also known as Htk, Myk1, Tyro11, and Mdk2, is a member of the Eph receptor family, which binds of the ephrin ligand family. Two classes of receptors exist, designated A and B, that have an extracellular domain made up of a globular domain, a cysteine-rich domain, and two fibronectin type III domains, followed by the transmembrane region and cytoplasmic region. The cytoplasmic region contains juxtamembrane motif with two tyrosines, which are the major autophosphorylation sites, along with a kinase domain, and a conserved sterile alpha motif (SAM) in the carboxyl terminus, which includes one conserved tyrosine. Ligand recognition and binding leads to activation of intrinsic kinase activity.

#### Swiss-Prot

P54760

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2018 EphB4 (E601) pAb.

#### Purification & Purity

Synthetic peptide EphB4 (E601). (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.