

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### NK-1R (K245) Peptide

Cat No.: BS2632P

#### Background

The neurokinin-1 (NK1) receptor is a G-protein-coupled receptor characterized by seven transmembrane helices which preferentially binds the neuropeptide substance P. NK1 receptor (also known as the Substance P Receptor) plays a key role in pain and inflammation. Studies also implicate NK1 receptor in depression and the growth of brain tumors. The NK1 receptor has been reported primarily in brain, and in blood lymphocytes, nose, small intestine, and stomach.

#### Swiss-Prot

P25103

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2632 NK-1R (K245) pAb.

#### Purification & Purity

Synthetic peptide NK-1R (K245). (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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