

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### IL7R (Q445) Peptide

Cat No.: BS2639P

#### Background

The biological effects of IL7 are mediated by the binding of IL7 to the specific cell surface receptor. The functional high-affinity IL7 receptor consists of an alpha chain and a gamma chain. Both IL7R alpha and IL7R gamma are members of the hematopoietin receptor superfamily. IL7R alpha cDNA encodes a precursor protein containing a signal peptide, an extracellular ligand binding domain, a transmembrane region, and a cytoplasmic region. IL7R alpha transcripts have been observed in spleen, thymus, fetal liver, developing T cells, B cells, mature T cells, and bone marrow derived macrophages.

#### Swiss-Prot

P16871

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2639 IL7R (Q445) pAb.

#### Purification & Purity

Synthetic peptide IL7R (Q445). (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.