

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



IL-9R (L514) Peptide

Cat No.: BS1669P

Background

Human Interleukin 9 (IL9) was first identified based on its proliferative activity on a human myeloid leukemic cell line. Human IL9 stimulates the proliferation of the human megakaryocytic leukemic cell line M07e. Human IL9 supports erythroid colony formation and synergizes with IL4 in the production of IgE and IgG. The interleukin 9 receptor is a member of the hematopoietin receptor superfamily. The cDNAs encoding mouse and human IL9 receptors have been isolated. The deduced mouse and human transmembrane proteins, sharing 53% amino acid sequence identity, contain 468 and 533 amino acid residues, respectively. A number of isoforms of IL9R, including a putative soluble form, have also been identified. The IL9 receptor is expressed in a variety of hematopoietic cells including T cells, neutrophils, mast cells, and macrophages.

Swiss-Prot

Q01113

Applications

Blocking

Specificity

This peptide can be used with studies using BS1669 IL-9R (L514) pAb.

Purification & Purity

Synthetic peptide IL-9R (L514). (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.