

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



IL-4R α (G493) Peptide

Cat No.: BS2998P

Background

IL4 Receptor alpha (IL4RA) is the alpha chain of the interleukin 4 receptor which binds to both interleukin 4 and interleukin 13 to regulate IgE production, chemokine and mucus production at sites of allergic inflammation. The IL4 response is involved in promoting Th2 differentiation. The secreted extracellular domain of IL4R alpha, called sIL4R alpha, can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. It has no signaling abilities. Allelic variations in the IL4RA gene have been associated with atopy, a condition that can manifest itself as allergic rhinitis, sinusitis, asthma, or eczema.

Swiss-Prot

P24394

Applications

Blocking

Specificity

This peptide can be used with studies using BS2998 IL-4R α (G493) pAb.

Purification & Purity

Synthetic peptide IL-4R α (G493). (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.