

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



IL-12A (T65) Peptide

Cat No.: BS3490P

Background

IL-12 is secreted by macrophages and human B-lymphoblastoid cells in response to antigenic stimulation. This IL is responsible for the differentiation of naive CD4+ T cells into type 1 helper T cells that produce interferon- γ (IFN- γ). It also activates production of tumor necrosis factor α (TNF α) from T and natural killer (NK) cells, and it inhibits IL-4 mediated suppression of IFN- γ . IL-12 also has anti-angiogenic activity since the production of IFN- γ increases the production of inducible protein-10 (IP-10). IL-12 p40 represents a subunit of IL-12 that is induced by several pathogens. IL-12 p70 is a subunit of IL-12 that is controlled through both the p35 and p40 genes in a cell type-specific fashion.

Swiss-Prot

P29459

Applications

Blocking

Specificity

This peptide can be used with studies using BS3490 IL-12A (T65) pAb.

Purification & Purity

Synthetic peptide IL-12A (T65). (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.