

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Flt3-L (H206) Peptide

Cat No.: BS2280P

Background

Flt 3 ligand (Flt 3-L), variously designated Flt 3/Flk 2 ligand or FL, is a 17 kDa hematopoietic growth factor that stimulates the proliferation of stem and CD34+ progenitor cells and has been cloned from both mouse and human genomes. Flt 3-L is a potent in vitro growth stimulator of granulocytemacrophage colony-stimulating factor (GM-CSF), interleukin-3 (IL-3), and G-CSF-dependent granulocyte-macrophage committed precursors from Lin CD34+ bone marrow cells as well as other primitive B cell populations. Additionally, Flt 3-L stimulates the proliferation of hematopoietic progenitor cells isolated from mouse fetal liver or adult mouse bone marrow. Flt 3-L does not, however, affect the growth of erythroid-committed progenitors. A Flt-3 ligand exists in two forms and is active as both a soluble and as a membrane-bound ligand. The Flt 3-L receptor, Flt 3, is a tyrosine kinase expressed on CD34+ cells that shares a high degree of homology with the SCF (stem cell factor) receptor, c-Kit and c-Fms.

Swiss-Prot

P49771

Applications

Blocking

Specificity

This peptide can be used with studies using BS2280 Flt3-L (H206) pAb.

Purification & Purity

Synthetic peptide Flt3-L (H206). (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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