

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



JAK3 (I781) Peptide

Cat No.: BS1671P

Background

Jak3 (Janus Kinase 3) belongs to the family of non-receptor Janus tyrosine kinases, which regulate a spectrum of cellular functions downstream of activated cytokine receptors in the lympho-hematopoietic system. Immunological stimuli, such as interferons and cytokines, induce recruitment of Stat transcription factors to cytokine receptor-associated JAK3. JAK3 then phosphorylates proximal Stat factors, which subsequently dimerize, translocate to the nucleus and bind to cis elements upstream of target gene promoters to regulate transcription.

Swiss-Prot

P52333

Applications

Blocking

Specificity

This peptide can be used with studies using BS1671 JAK3 (I781) pAb.

Purification & Purity

Synthetic peptide JAK3 (I781). (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.