

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p-Stat5a/b (Y694) Peptide

Cat No.: BS4185P

Background

Stat 5a protein is a transcription factor activated by hormone and cytokines. Two highly related, but distinct Stat 5 genes (Stat 5a and Stat 5b) were identified in mouse. The amino acid sequences of Stat 5a and Stat 5b show 96% sequence similarity, and both proteins are co expressed in most tissues of both virgin and lactating mice. However, differential accumulation of Stat 5a and Stat 5b mRNA has been reported for both muscle and mammary tissue. Stat 5a is critically involved in a variety of physiological functions, including reproduction, lactation, immune function and somatic growth.

Swiss-Prot

P42229/P51692

Applications

Blocking

Specificity

This peptide can be used with studies using BS4185 p-Stat5a/b (Y694) pAb.

Purification & Purity

Synthetic peptide p-Stat5a/b (Y694). (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.