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Stat5 Blocking Peptide
Catalog # PBV10200b

Specification

Stat5 Blocking Peptide - Product Information

Primary Accession	P51692
Gene ID	6777
Calculated MW	89866

Stat5 Blocking Peptide - Additional Information

Gene ID 6777

Application & Usage	**The peptide is used for blocking the antibody activity of Stat5. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

Other Names
Signal transducer and activator of transcription 5B, STAT5B

Target/Specificity
Stat5

Formulation
50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Stat5 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Stat5 Blocking Peptide - Protein Information

Name STAT5B

Function
Carries out a dual function: signal transduction and activation of transcription (PubMed:29844444). Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Binds to the GAS element and activates PRL-induced transcription. Positively regulates hematopoietic/erythroid

differentiation.

Cellular Location
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation.

Stat5 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Stat5 Blocking Peptide - Images