
STAT5B (5B3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253034

Unit: 0.1 ml

Description:

STAT5 (Signal transducer and activator of transcription 5A) carries out a dual function: signal transduction and activation of transcription. STAT5 is tyrosine phosphorylated in response to IL-2, IL-3, IL-7, IL-15, GM-CSF, growth hormone, prolactin, erythropoietin and thrombopoietin. Phosphorylation results in translocation into the nucleus, where it binds to the GAS element and activates transcription. Tyrosine phosphorylation is required for DNA-binding activity and dimerization. Serine phosphorylation is also required for maximal transcriptional activity.

Isotype: Mouse IgG1

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Signal transducer and activator of transcription 5A; STAT5A; STAT5

Accession No.: P42229

Antigen: Purified recombinant fragment of human STAT5B expressed in *E. coli*.

Application Notes: WB: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.