STAT3 (7G3H) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 252842
Unit: 0.1 ml

Description:
STAT3 (Signal transducer and activator of transduction 3) is a transcription factor that binds to the interleukin-6 responsive elements located in the promoter regions of various acute-phase protein genes. STAT3 is activated by IL-31 receptor pathway. Active STAT3 consists in homodimers or heterodimers with family member STAT1 and serine phosphorylation is important for DNA-binding and transcriptional activities. Defects in STAT3 are the cause of hyperimmunoglobulin E recurrent infection syndrome (Job syndrome).

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 3; Acute-phase response factor; STAT3; APRF
Accession No.: P40763

Antigen: Purified recombinant fragment of STAT3 expressed in E. coli.

Application Notes: WB: 1:500-1:2000;

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.