

Mouse Monoclonal Antibody to JAK3

Catalogue Number sAP-0329

Target Molecule **Name:** JAK3

Aliases: JAKL; LJAK

MW: 125kDa

Entrez Gene ID: 3718

Description JAK3, Janus kinase 3. It is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease).

Immunogen Purified recombinant fragment of human JAK3 expressed in E. Coli.

Recitative Species Human; Mouse

Clone MM5H2;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

Reconstitution/Storages Reconstituted with 100µl sterile DI H₂O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. J Biol Chem. 1995 Oct 20;270(42):25028-36. ; 2. Proc Natl Acad Sci U S A. 1994 Jul 5;91(14):6374-8. ; 3. Leuk Lymphoma. 2002 Dec;43(12):2355-62. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**