

Mouse Monoclonal Antibody to STAT6

Catalogue Number	sAP-0421
Target Molecule	<p>Name: STAT6</p> <p>Aliases: STAT6B; STAT6C; D12S1644; IL-4-STAT; STAT6</p> <p>MW: 94kDa</p> <p>Entrez Gene ID: 6778</p>
Description	<p>STAT6 protein is a transcription factor activated by cytokines, particularly interleukin 4 and IL 13. (STAT6-/-) were found to be deficient in IL 4 mediated functions including Th2 helper T cell differentiation, expression of cell surface markers, T cell proliferation, immunoglobulin class switching to IgE, and partial loss of IL 4 mediated proliferation. STAT6 mRNA has been detected in peripheral bloodlymphocytes, colon, intestine, ovary, prostate, thymus, spleen, kidney, liver, lung and placenta. STAT6 is critically involved in Th2 immune response.</p>
Immunogen	Purified recombinant fragment of human STAT6 expressed in E. Coli.
Recitative Species	Human; Mouse; Rat; Monkey
Clone	MM7D3;
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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	<p>1. Pediatr Nephrol. 2009 Mar;24(3):489-95. ; 2. Mol Immunol. 2009 Jun;46(10):2080-9. ; 3. Am J Hum Genet. 2009 Nov;85(5):628-42.</p>

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**