

Mouse Monoclonal Antibody to JAK2

Catalogue Number	sAP-1091
Target Molecule	<p>Name: JAK2</p> <p>Aliases: JTK10; THCYT3</p> <p>MW: 130.7kDa</p> <p>Entrez Gene ID: 3717</p>
Description	This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be constitutively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis.
Immunogen	Purified recombinant fragment of human JAK2 (AA: 745-955) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5C12C9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, 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; IHC: 1 to 200 - 1 to 1000; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	Blood. 2014 May 1;123(18):2826-37. ; PLoS One. 2013 May 24;8(5):e64628.

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**