

## Mouse Monoclonal Antibody to JAK2

Catalogue Number	sAP-0394
Target Molecule	<b>Name: JAK2</b> <b>Aliases:</b> JTK10; JAK2 <b>MW: 130.6kDa</b> <b>Entrez Gene ID: 3717</b>
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 JAK2(745-955aa) expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM1C1;
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 H <sub>2</sub> 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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mol Cell Endocrinol. 1997 May 16;129(2):199-208. ; 2. J Immunol. 1999 Dec 15;163(12):6651-8. ; 3. J Biol Chem. 1999 Oct 29;274(44):31531-42. ;

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**