



**Category:** Monoclonal Antibodies  
**Product Name:** Mouse Monoclonal Antibody to JAK2

**Catalog Number:** MAB-606030041

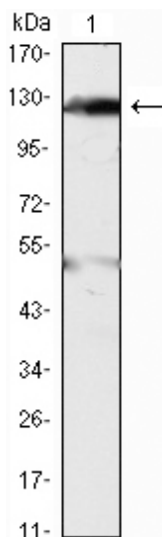


Figure 1: Western blot analysis using JAK2 mouse mAb against THP-1(1) cell lysate.

Lot#:  
Clone#: 1C1  
Host and isotype: Mouse IgG1  
Size: 0.1ml  
MW: 130.6kDa  
Aliases: JTK10; JAK2  
Entrez Gene: 3717  
Species reactivity: Human

**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.

**Application** Western Blotting: 1/500 - 1/2000.  
ELISA: Propose dilution 1/10000.  
Not yet tested in other applications.  
Determining optimal working dilutions by titration test.

**Formulation** Ascitic fluid containing 0.03% sodium azide.

**Storage** Store at 4iæ, for long term storage, store at -20iæ.

#### Related product

**References** 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.

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