



## JAK2 Mouse Monoclonal Antibody

E10-30041

**Background:** 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.

**Catalog Number:** E10-30041

**Amount:** 100µg/100µl

**Clone Number:** 1C1

**Species:** Mouse IgG1

**MW** 130.6kDa

**Aliases:** JTK10; JAK2

**Entrez Gene:** 3717

**Immunogen:** Purified recombinant fragment of JAK2(745-955aa) expressed in E. Coli.

**Storage:** Store at 4°C, for long term storage, store at -20°C.

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

**Species Reactivities:** Human

**Tested Applications:** WB, ELISA. Not yet tested in other applications.

**Application notes:** WB: 1/500 - 1/2000, ELISA: Propose dilution 1/10000.

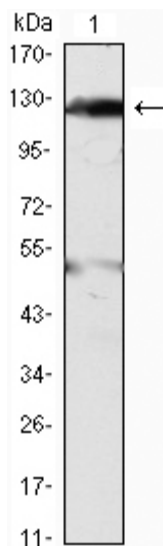


Figure 1: Western blot analysis using JAK2 mouse mAb against THP-1(1) cell lysate.

**For Research Use Only**