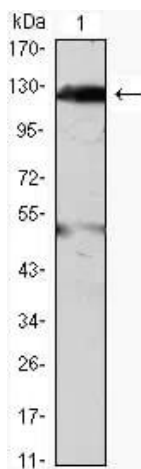


|                          |   |
|--------------------------|---|
| <b>Product name:</b>     | JAK2 Mouse Monoclonal Antibody  |
| <b>Cat number:</b>       | MABN80843   |
| <b>Conjugate:</b>        | Unconjugated  |
| <b>Size:</b>             | 100 $\mu$ L   |
| <b>Clone:</b>            | J-56  |
| <b>Concentration:</b>    | 1mg/ml  |
| <b>Host:</b>             | Mouse   |
| <b>Isotype:</b>          | Mouse IgG1  |
| <b>Immunogen:</b>        | Purified recombinant fragment of JAK2(745-955aa) expressed in E. Coli.  |
| <b>Reactivity:</b>       | Human   |
| <b>Applications:</b>     | Western Blot: 1:500-1:2000,ELISA 1:5000-1:20000   |
| <b>Molecular Weight:</b> | 6kDa  |
| <b>Purification:</b>     | Affinity purification   |
| <b>Form:</b>             | liquid  |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide.   |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  |
| <b>Background:</b>       | 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. |



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