

JAK2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

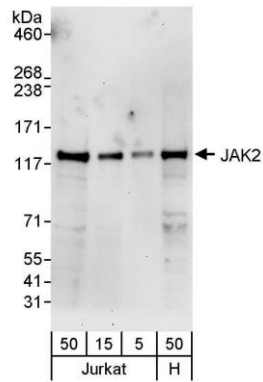
Protein ID NP_004963.1

Catalog No. A302-178A-M

GeneID 3717



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|------------------------------|---|
| APPLICATIONS | WB, IP, IHC |
| SPECIES REACTIVITY | Human |
| PRESUMED REACTIVITY | Based on 100% sequence identity, this antibody is predicted to react with Orangutan |
| AMOUNT | 100 µl (10 blots) |
| CONCENTRATION | 100 µg/ml |
| STORAGE/SHELF LIFE | 2 - 8° C / 1 year from date of receipt |
| PHYSICAL STATE | Liquid |
| BUFFER | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | Antibody was affinity purified using an epitope specific to JAK2 immobilized on solid support. The epitope recognized by A302-178A-M maps to a region between residue 1082 and 1132 of human Janus kinase 2 using the numbering given in entry NP_004963.1 (GeneID 3717). |
| APPLICATIONS | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:1000 Immunoprecipitation The antibody contained within A302-178A-M has been qualified for use in immunoprecipitation; however, we recommend using the alternative formulation of this antibody found as product A302-178A. Immunohistochemistry 1:50 - 1:200. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. |
| APPLICATION NOTES | Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. |
| ADDITIONAL INFO | https://www.bethyl.com/product/A302-178A-M Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB |



Detection of human JAK2 by western blot. *Samples:* Whole cell lysate from Jurkat (5, 15, and 50 μg) and HeLa (H; 50 μg) cells. *Antibody:* Affinity purified rabbit anti-JAK2 antibody A302-178A-M used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.