

Product Data Sheet: JAK2 Rabbit Polyclonal Antibody

Cat. No: AB-81994

Conjugate: Unconjugated

 Size:
 100μg

 Clone:
 POLY

 Concentration:
 1mg/ml

 Host:
 Rabbit

 Isotype:
 lgG

Immunogen: The antiserum was produced against synthesized peptide derived from human

JAK2. AA range:981-1030

Reactivity: Human, Mouse, Rat

Western Blot: 1/500 - 1/2000

Applications: Immunofluorescence: 1:50-200

Immunohistochemistry: 1/100 - 1/300

Molecular Weight: 130kD

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Synonyms: JAK2; Tyrosine-protein kinase JAK2; Janus kinase 2; JAK-2

This gene product is a protein tyrosine kinase involved in a specific subset of

cytokine receptor signaling pathways. It has been found to be constituitively

associated with the prolactin receptor

Background:and is required for responses to gamma interferon. Mice that do not express an

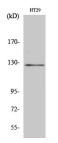
active protein for this gene exhibit embryonic lethality associated with the

absence of definitive erythropoiesis.

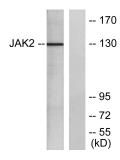
Form: Liquid

Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

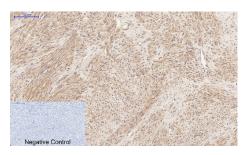
Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.



Western Blot analysis of HT29 cells using JAK2 Polyclonal Antibody diluted at 1:2000



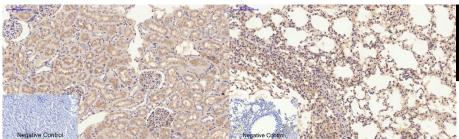
Western blot analysis of lysates from HT-29 cells, using JAK2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1,JAK2 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

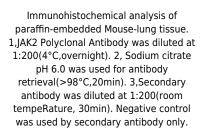


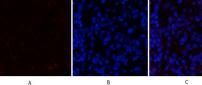
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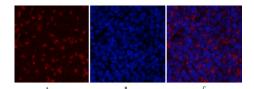
Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue.

1,JAK2 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.





Immunofluorescence analysis of rat-lung tissue. 1,JAK2 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of ratspleen tissue. 1,JAK2 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

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