

Anti-P-JAK2(Tyr1007/1008) Rabbit pAb



WLH3592

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-P-JAK2(Tyr1007/1008) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Immunohistochemistry	1:100-1:400
	Immunofluorescence	1:100-1:400
Cellular localization	Cytoplasm, Membrane, Nucleus.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background Members of the Janus family of tyrosine kinases (JAK1, JAK2, JAK3, and Tyk2) are activated by ligands binding to a number of associated cytokine receptors. Upon cytokine receptor activation, JAK proteins become autophosphorylated and phosphorylate their associated receptors to provide multiple binding sites for signaling proteins. JAK2 is autophosphorylated at Tyr1007/1008 in the putative activation loop during cytokine signaling. Tyr221 and 570 have also been shown to be prominent sites for autophosphorylation. In addition, Tyr813 was identified as a site for autophosphorylation critical for the activation of JAK2 by the SH2 domain-containing protein SH2-B β.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-JAK2(Tyr1007/1008).

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

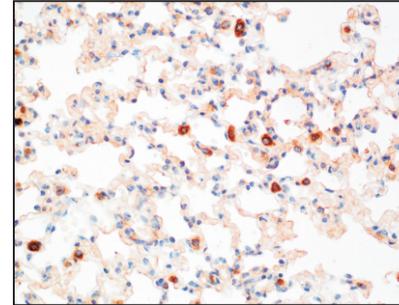
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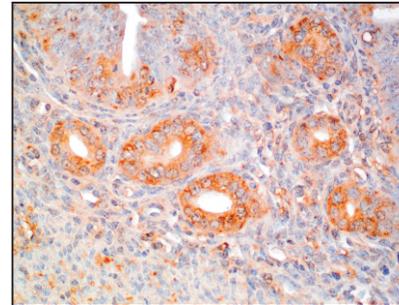
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Product Images



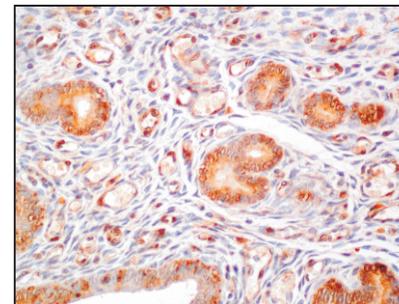
Immunohistochemistry-Anti-P-JAK2(Tyr1007/1008) pAb

Sample: Mouse lung tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB



Immunohistochemistry-Anti-P-JAK2(Tyr1007/1008) pAb

Sample: Mouse uterus tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB



Immunohistochemistry-Anti-P-JAK2(Tyr1007/1008) pAb

Sample: Rat uterus tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB

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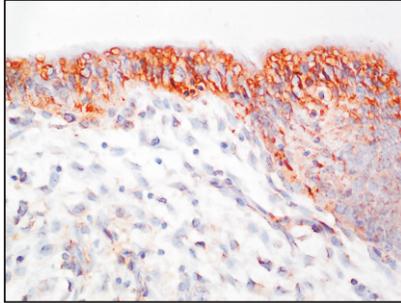

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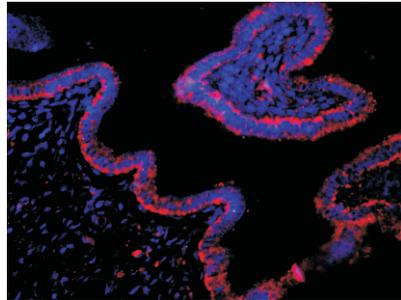
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Product Information



Immunohistochemistry-Anti-P-JAK2(Tyr1007/1008) pAb

Sample: Rat uterus tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB



Immunofluorescence-Anti-P-JAK2(Tyr1007/1008) pAb

Sample: Rat uterus tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h