

JAK2 Monoclonal Antibody (691R5)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	691R5
Conjugate	Unconjugated
Immunogen	Recombinant fragment of human JAK2 expressed in E. coli.
Form	Liquid
Concentration	0.5 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.2, with 1% BSA
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2536334

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	9 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	-	1 Publication
Immunoprecipitation (IP)	-	3 Publications
Miscellaneous PubMed (Misc)	-	2 Publications

Product Images For JAK2 Monoclonal Antibody (691R5)



--- 130 kDa

JAK2 Antibody (AHO1352) in WB

Proteins from cell extract of human Jurkat cells were resolved by SDS-PAGE and transferred to PVDF. The membranes were incubated with this JAK2 monoclonal antibody (clone 691R5) at a concentration of 1 µg/mL for two hours at room temperature.

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Western Blot (9)

<p>Molecular metabolism</p> <p>The activity of glyoxylase 1 is regulated by glucose-responsive phosphorylation on Tyr136.</p> <p>"AHO1352 was used in Western Blotting to suggest the existence of a deleterious positive feedback loop whereby hyperglycemia leads to reduced Glo1 activity, contributing to elevated MG levels, which in turn promote hyperglycemia."</p> <p>Authors: Cortizo FG,Pfaff D,Wirth A,Schlotterer A,Medert R,Morgenstern J,Weber T,Hammes HP,Fleming T,Nawroth PP,Freichel M,Teleman AA</p>	<p>Year 2022</p> <p>Species Human</p> <p>Dilution 1:1000</p>
<p>Cells</p> <p>CEP55 Promotes Cell Motility via JAK2STAT3MMPs Cascade in Hepatocellular Carcinoma.</p> <p>"AHO1352 was used in Western Blotting to study the mechanisms by which CEP55 promotes hepatocellular carcinoma cell migration and invasion."</p> <p>Authors: Li M,Gao J,Li D,Yin Y</p>	<p>Year 2018</p> <p>Species Human</p>

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Immunohistochemistry (1)

<p>Diabetes</p> <p>Enhanced expression of Janus kinase-signal transducer and activator of transcription pathway members in human diabetic nephropathy.</p> <p>"AHO1352 was used in western blot to determine the expression of genes in glomeruli and tubulointerstitium in kidney biopsies from diabetic nephropathy patients."</p> <p>Authors: Berthier CC,Zhang H,Schin M,Henger A,Nelson RG,Yee B,Boucherot A,Neusser MA,Cohen CD,Carter-Su C,Argetsinger LS,Rastaldi MP,Brosius FC,Kretzler M</p>	<p>Year 2009</p> <p>Species Mouse</p> <p>Dilution 1:200</p>
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Immunocytochemistry (1)

<p>iScience</p> <p>Abi1 mediates airway smooth muscle cell proliferation and airway remodeling via Jak2/STAT3 signaling.</p> <p>"AHO1352 was used in Immunocytochemistry to identify Abi1 as a molecular switch that activates Jak2 kinase and STAT3 in ASM cells and demonstrate that a dysfunctional Abi1-associated pathway contributes to the progression of asthma."</p> <p>Authors: Wang R,Wang Y,Liao G,Chen B,Panettieri RA,Penn RB,Tang DD</p>	<p>Year 2022</p> <p>Species Human</p> <p>Dilution 1:20</p>
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More applications with references on thermofisher.com

- IP (3)
- Misc (2)

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