

Product datasheet for **CF806795**

JAK2 Mouse Monoclonal Antibody [Clone ID: OTI1H9]

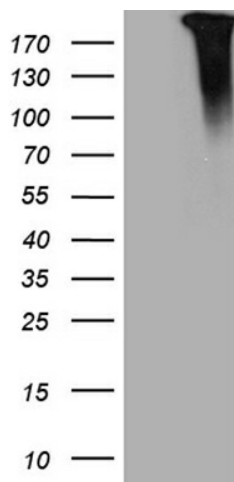
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1H9
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 297-596 of human JAK2(NP_004963) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Janus kinase 2
Database Link:	NP_004963 Entrez Gene 16452 Mouse Entrez Gene 24514 Rat Entrez Gene 3717 Human O60674
Synonyms:	JTK10; THCYT3
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Adipocytokine signaling pathway, Chemokine signaling pathway, Jak-STAT signaling pathway

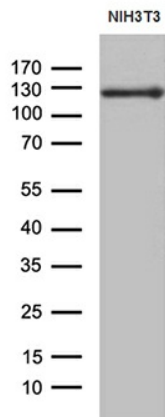


[View online »](#)

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY JAK2 (Cat# [RC220503], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-JAK2 (Cat# [TA806795])(1:500).



Western blot analysis of extracts (35ug) from NIH3T3 cell line by using anti-JAK2 monoclonal antibody (1:500).