

## Anti-JAK1 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M010981

### Product Information

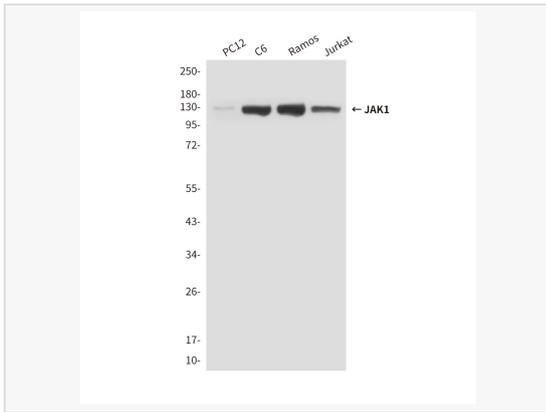
Application	WB, IP, ELISA
Reactivity	Human, Rat
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Mouse
Clonality	Monoclonal
Clone No.	81M71M10
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant human Jak1 protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-JAK1 antibody [81M71M10] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

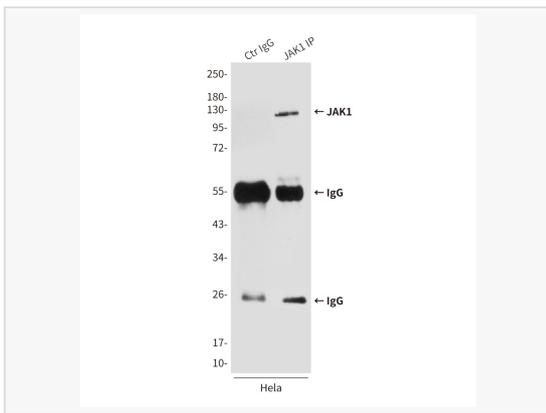
Synonyms	JAK1, JAK1A, JAK1B, Tyrosine-protein kinase JAK1, Janus kinase 1, JAK-1.
Calculated MW	Calculated MW: 133 kDa; Observed MW: 130 kDa
Uniprot ID	P23458
Gene ID	3716
Background	Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor.

## Validation Images

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Western blot analysis of JAK1 in PC-12, C6, Ramos and Jurkat lysates using Jak1 antibody [81M71M10].



Immunoprecipitation analysis of JAK1 in HeLa lysates using Jak1 antibody [81M71M10].