

JAK1 Rabbit mAb
Catalog # AP77164**Specification**

JAK1 Rabbit mAb - Product Information

Application	WB
Primary Accession	P23458
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	133277

JAK1 Rabbit mAb - Additional Information**Gene ID** 3716**Other Names**

JAK1

Dilution

WB~~1/500-1/1000

Format

Liquid

JAK1 Rabbit mAb - Protein Information**Name** JAK1**Synonyms** JAK1A, JAK1B**Function**

Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway (PubMed: [16239216](http://www.uniprot.org/citations/16239216)), PubMed: [28111307](http://www.uniprot.org/citations/28111307), PubMed: [32750333](http://www.uniprot.org/citations/32750333), PubMed: [7615558](http://www.uniprot.org/citations/7615558), PubMed: [8232552](http://www.uniprot.org/citations/8232552)). Kinase partner for the interleukin (IL)-2 receptor (PubMed: [11909529](http://www.uniprot.org/citations/11909529)) as well as interleukin (IL)-10 receptor (PubMed: [12133952](http://www.uniprot.org/citations/12133952)). Kinase partner for the type I interferon receptor IFNAR2 (PubMed: [16239216](http://www.uniprot.org/citations/16239216), PubMed: [28111307](http://www.uniprot.org/citations/28111307), PubMed: [32750333](http://www.uniprot.org/citations/32750333), PubMed: [7615558](http://www.uniprot.org/citations/7615558), PubMed: [8232552](http://www.uniprot.org/citations/8232552)). In response to interferon-binding to IFNAR1-IFNAR2 heterodimer, phosphorylates and activates its

binding partner IFNAR2, creating docking sites for STAT proteins (PubMed:7759950). Directly phosphorylates STAT proteins but also activates STAT signaling through the transactivation of other JAK kinases associated with signaling receptors (PubMed:16239216, PubMed:32750333, PubMed:8232552).

Cellular Location

Endomembrane system; Peripheral membrane protein. Note=Wholly intracellular, possibly membrane associated

Tissue Location

Expressed at higher levels in primary colon tumors than in normal colon tissue. The expression level in metastatic colon tumors is comparable to the expression level in normal colon tissue

JAK1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

JAK1 Rabbit mAb - Images

