

JAK1 Polyclonal Antibody

Catalog # AP70607

Specification

JAK1 Polyclonal Antibody - Product Information

Application **IF**
Primary Accession [P23458](#)
Reactivity **Human, Mouse, Rat**
Host **Rabbit**
Clonality **Polyclonal**

JAK1 Polyclonal Antibody - Additional Information

Gene ID 3716

Other Names

JAK1; JAK1A; JAK1B; Tyrosine-protein kinase
JAK1; Janus kinase 1; JAK-1

Dilution

IF~~IF: 1:50-200 Western Blot: 1/500 -
1/2000. Immunohistochemistry: 1/100 -
1/300. ELISA: 1/10000. Not yet tested in
other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5%
BSA and 0.02% sodium azide.

Storage Conditions

-20°C

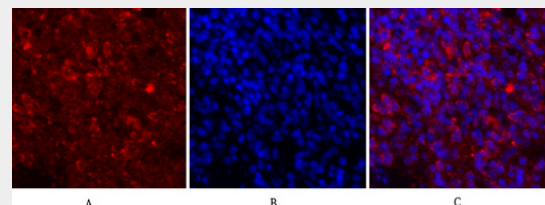
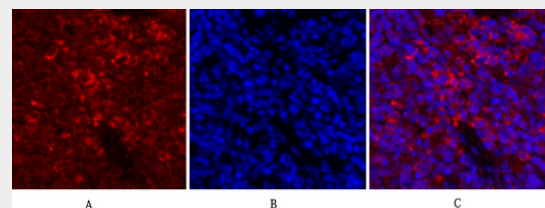
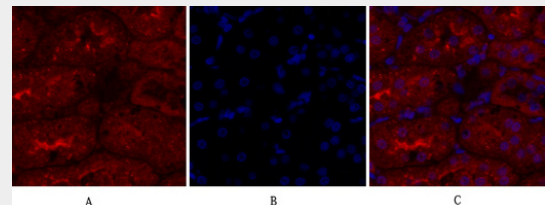
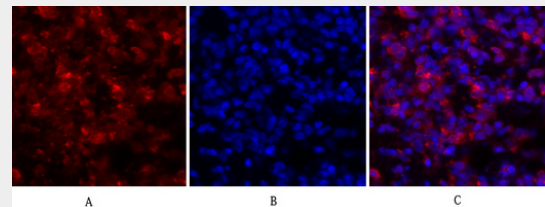
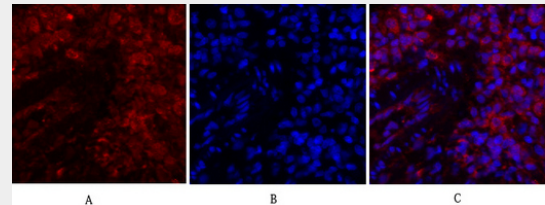
JAK1 Polyclonal Antibody - Protein Information

Name JAK1

Synonyms JAK1A, JAK1B

Function

Tyrosine kinase of the non-receptor type,
involved in the IFN-alpha/beta/gamma
signal pathway (PubMed:<a href="http://w
ww.uniprot.org/citations/7615558"
target="_blank">7615558). Kinase
partner for the interleukin (IL)-2 receptor
(PubMed:<a href="http://www.uniprot.org/c
itations/11909529"
target="_blank">11909529) as well as



interleukin (IL)-10 receptor (PubMed:12133952).

Cellular Location

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

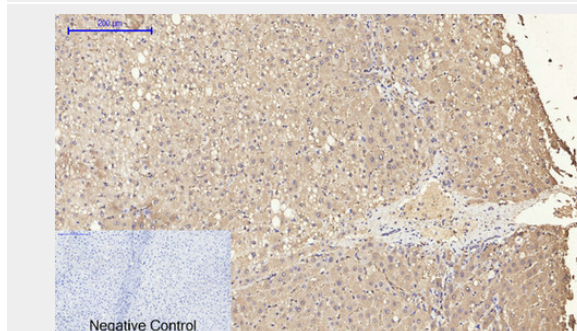
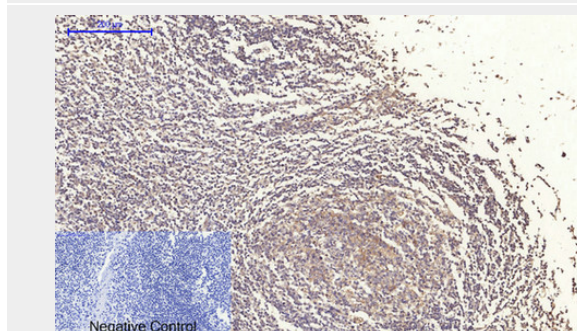
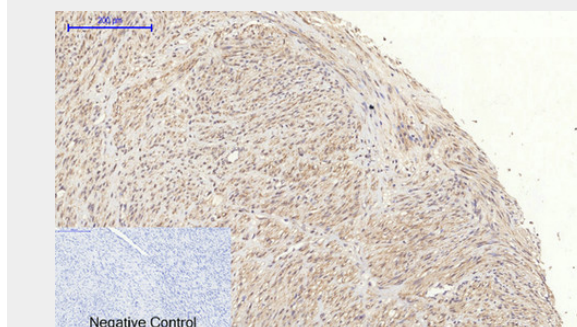
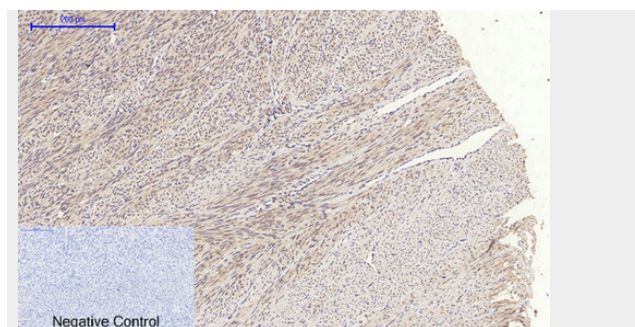
Tissue Location

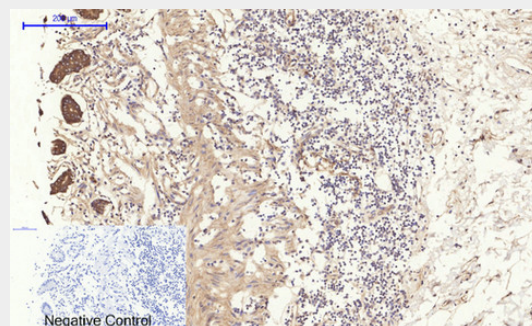
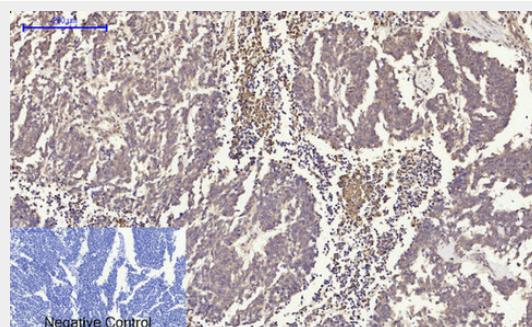
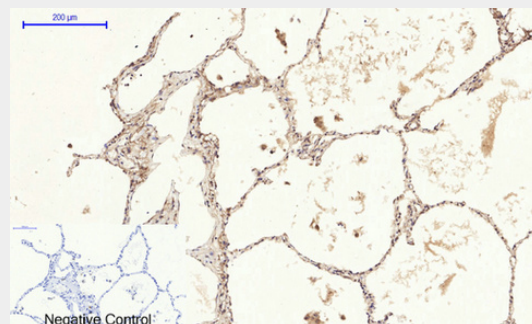
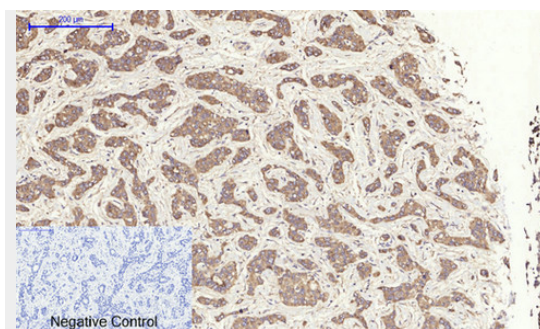
Expressed at higher levels in primary colon tumors than in normal colon tissue. The expression level in metastatic colon tumors is comparable to the expression level in normal colon tissue

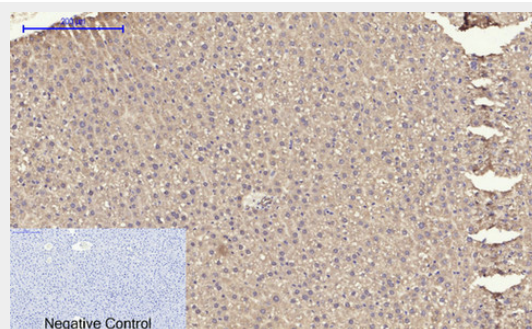
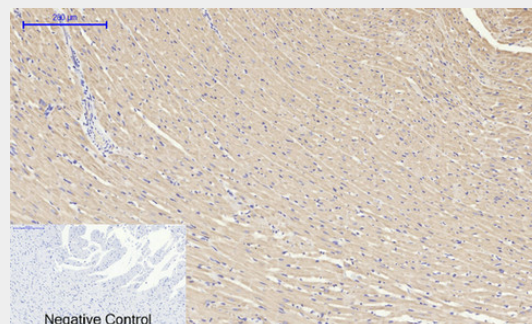
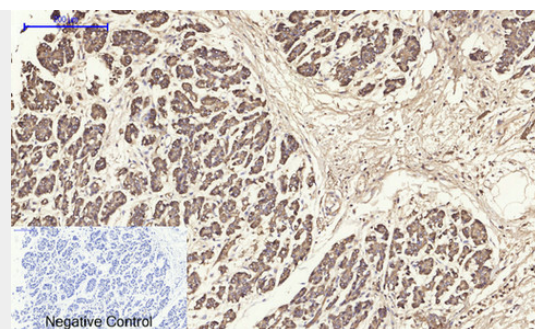
JAK1 Polyclonal Antibody - Protocols

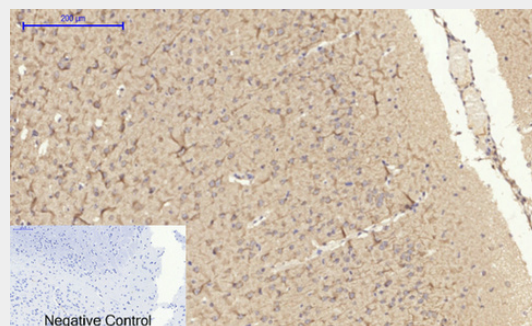
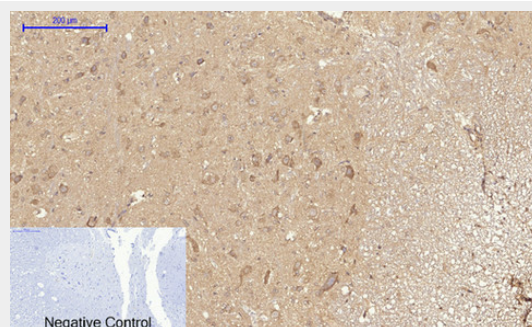
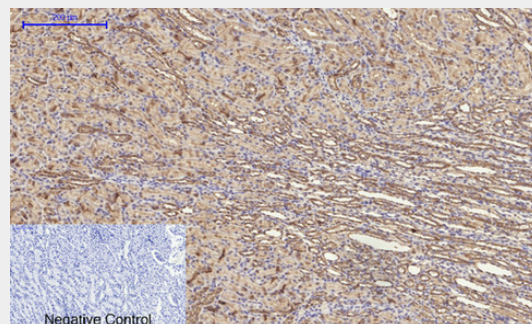
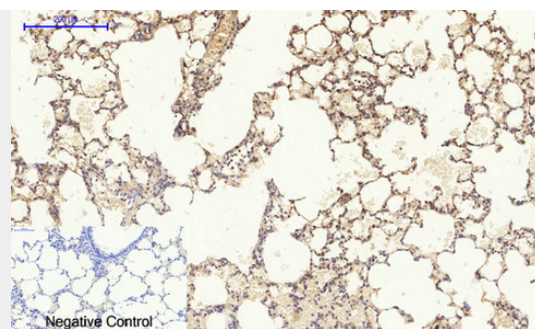
Provided below are standard protocols that you may find useful for product applications.

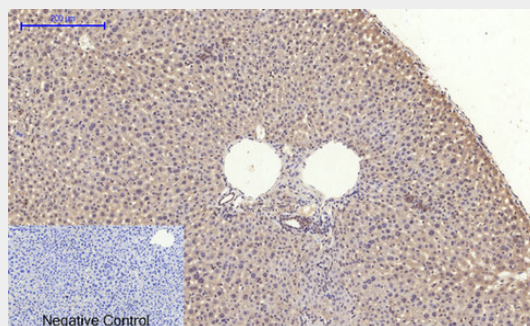
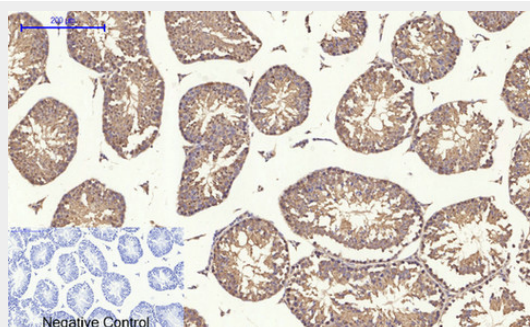
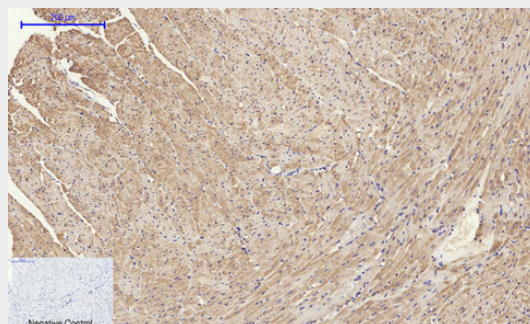
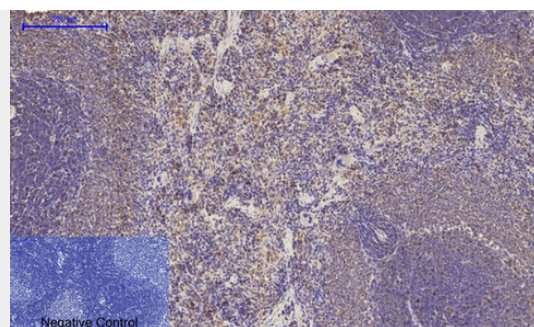
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

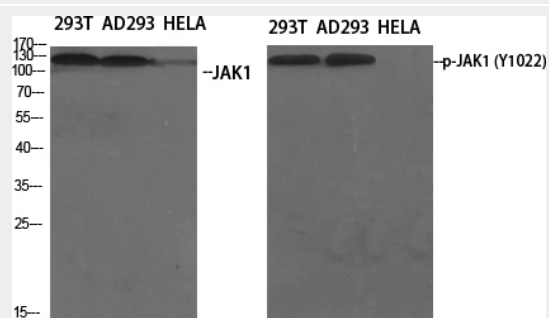
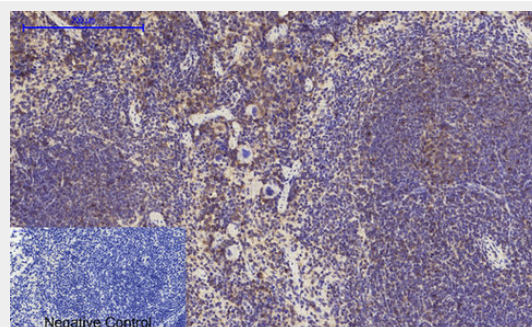
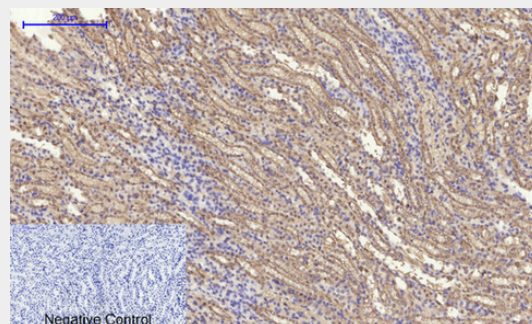
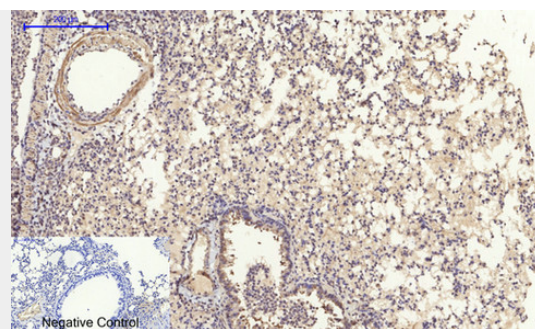


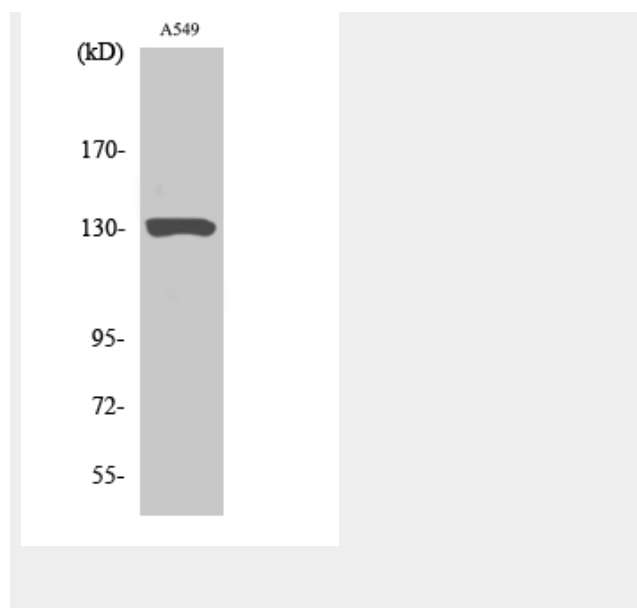












JAK1 Polyclonal Antibody - Background

Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway (PubMed:7615558). Kinase partner for the interleukin (IL)-2 receptor (PubMed:11909529) as well as interleukin (IL)-10 receptor (PubMed:12133952).