10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

JAK1 (phospho Tyr1022) Polyclonal Antibody
Catalog # AP67086

Specification

JAK1 (phospho Tyr1022) Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IF**
Primary Accession	P23458
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

JAK1 (phospho Tyr1022) Polyclonal Antibody - Additional Information

Gene ID 3716

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

Dilution
WB~~1:1000
IHC-P~~N/A
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 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

JAK1 (phospho Tyr1022) 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:16239216, PubMed:28111307, PubMed:32750333, PubMed:7615558, PubMed:8232552). Kinase partner for the interleukin (IL)-2 receptor (PubMed:11909529) as well as interleukin (IL)-10 receptor (PubMed:12133952). Kinase partner for the type I interferon receptor IFNAR2 (PubMed:16239216,

PubMed:28111307, PubMed:32750333, PubMed:7615558, PubMed: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

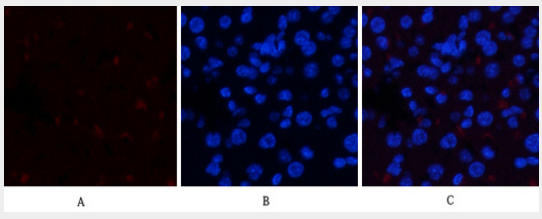
Tissue Location
Expressed at higher levels in primary colon tumors than in normal colon tissue. The expression level in metastatic colon tumors is comparable to the expression level in normal colon tissue

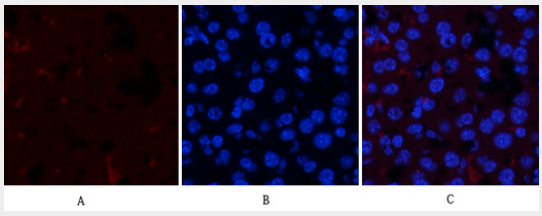
JAK1 (phospho Tyr1022) Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

JAK1 (phospho Tyr1022) Polyclonal Antibody - Images





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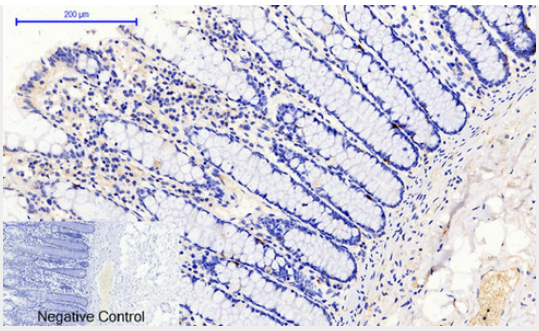

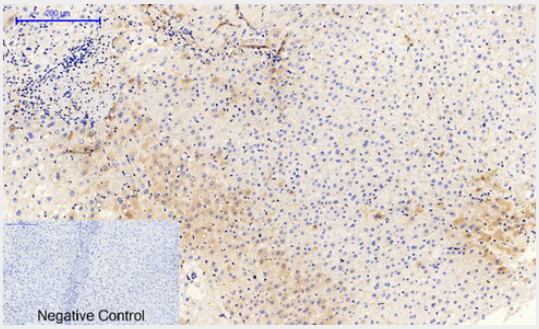

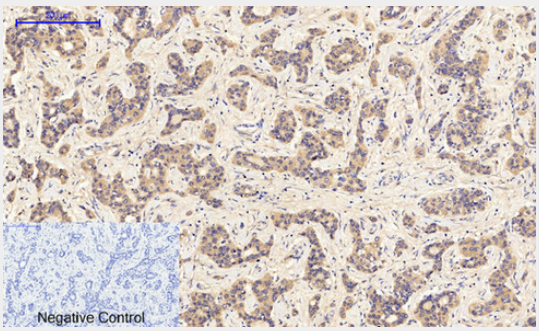

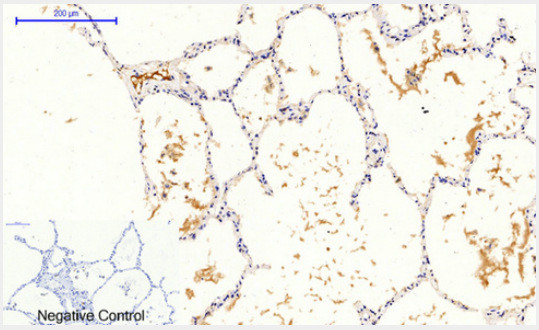

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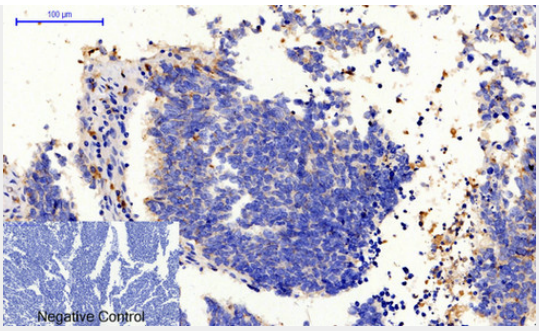

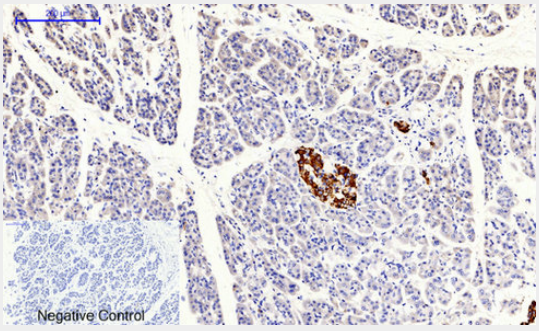

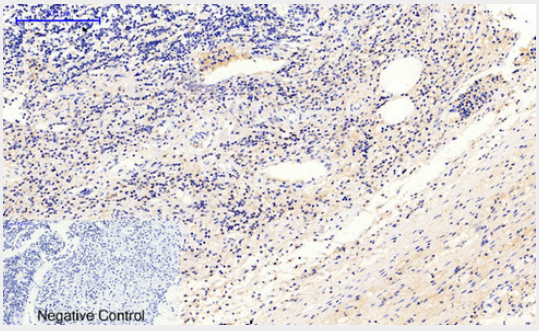

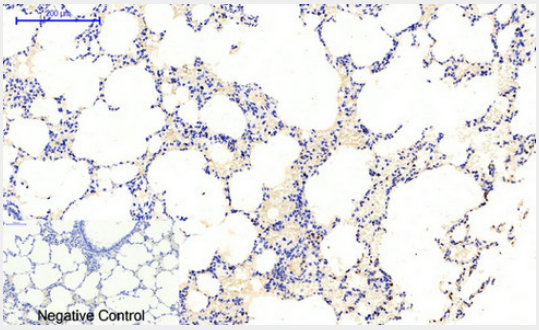

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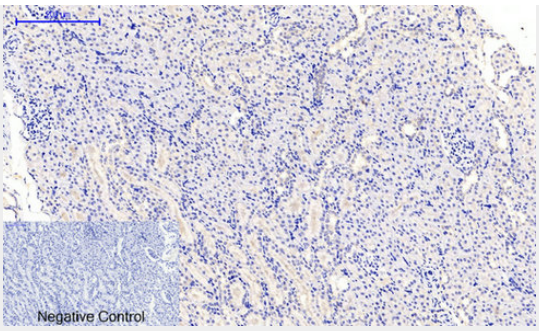

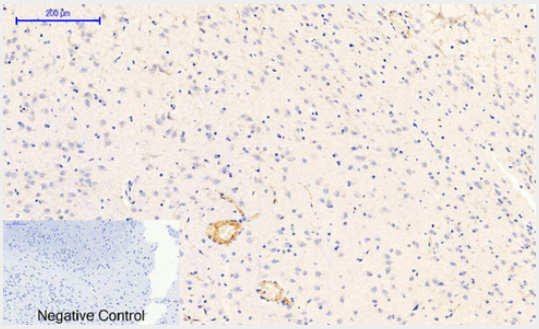

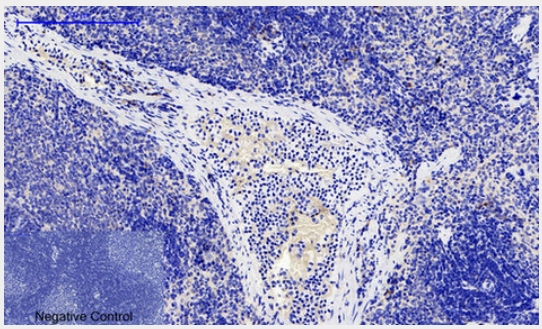

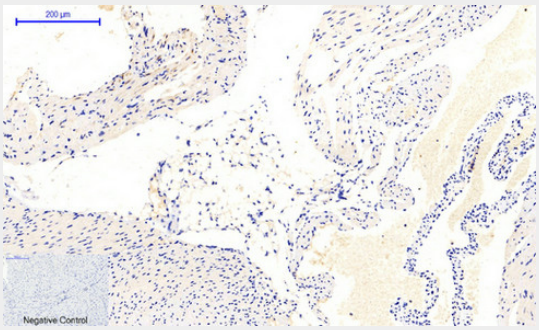

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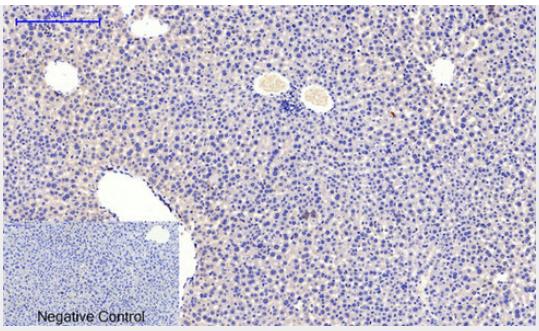

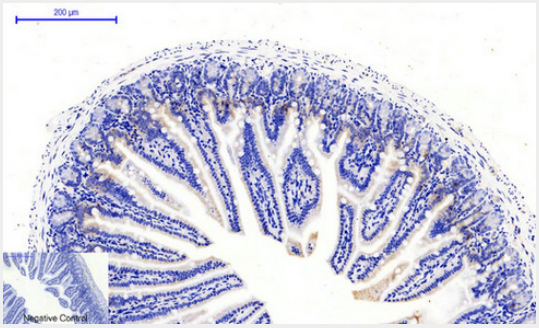

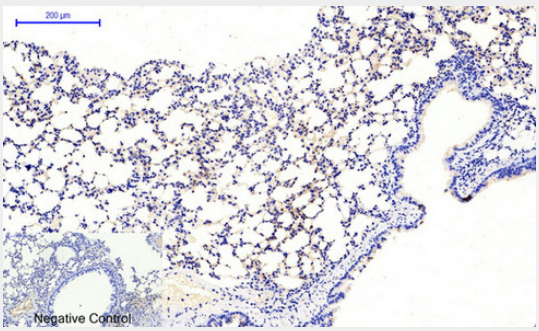

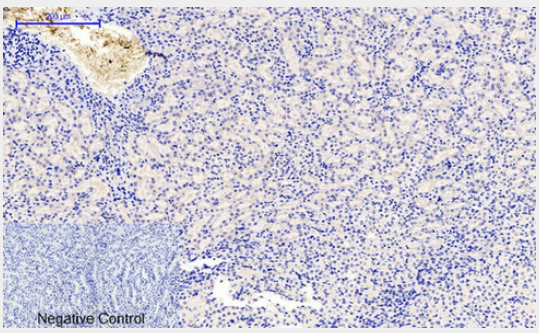

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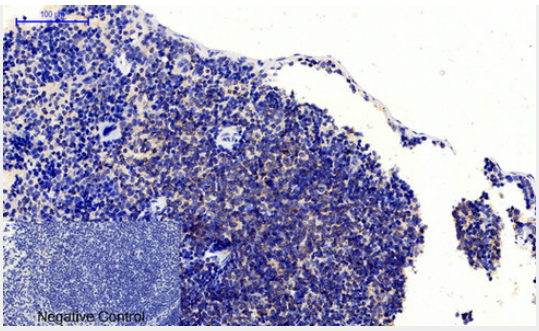

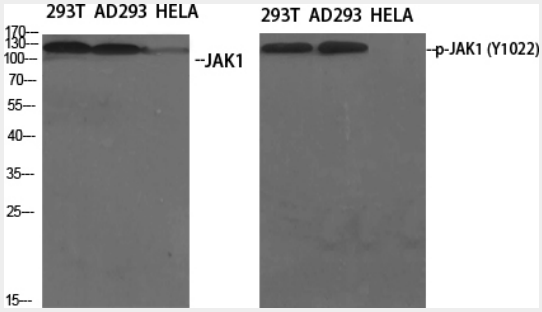

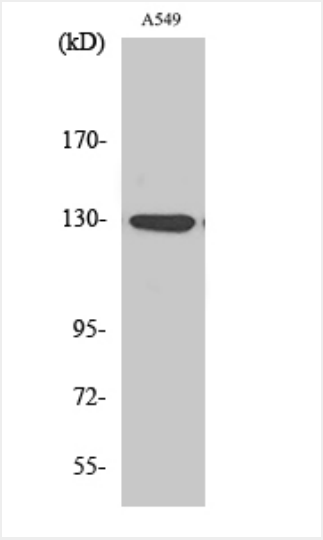

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