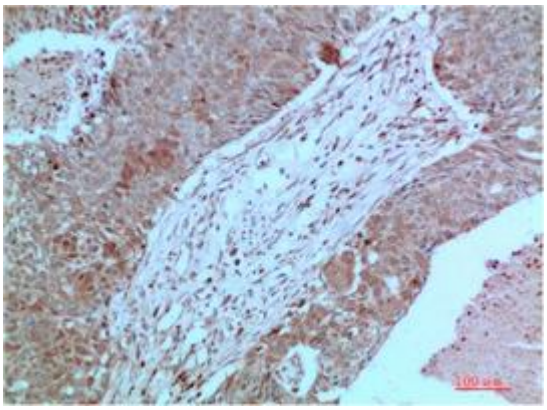
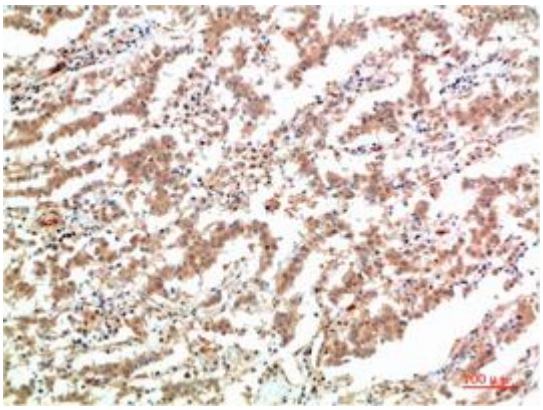
JAK2 (7H5) MOUSE MAB

Cat.#: N261350
Product Name: Anti-JAK2 (7H5) Mouse Monoclonal Antibody
Synonyms: JAK2; Tyrosine-protein kinase JAK2; Janus kinase 2; JAK-2
UNIPROT ID: O60674
Background: Phosphorylated STATs then form homodimer or heterodimers and translocate to the nucleus to activate gene transcription. For example, cell stimulation with erythropoietin (EPO) during erythropoiesis leads to JAK2 autophosphorylation, activation, and its association with erythropoietin receptor (EPOR) that becomes phosphorylated in its cytoplasmic domain. Then, STAT5 (STAT5A or STAT5B) is recruited, phosphorylated and activated by JAK2.
Immunogen: Synthetic peptide conjugated to KLH.
Applications: IHC-P
Recommended Dilutions: IHC: 1/50-1/100
Host Species: Mouse
Clonality: Mouse Monoclonal
Clone ID: 7H5-1H1-5D10
MW: -
Isotype: IgG1
Purification: Affinity Purified
Species Reactivity: Human,Rat,Mouse
Conjugation: Unconjugated
Modification: Unmodified
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Research Areas: Cell Biology
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemical analysis of paraffin-embedded Human tonsils using JAK2 (7H5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human Lung Carcinoma Tissue using JAK2 (7H5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.