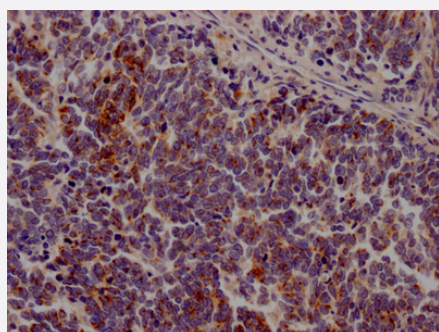


RecomAb™

JAK3 recombinant monoclonal antibody, clone 1C7

Catalog # RAB04117 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of JAK3 recombinant monoclonal antibody, clone 1C7 diluted at 1:100 and staining in paraffin-embedded human lung cancer performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human JAK3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human JAK3.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of JAK3 recombinant monoclonal antibody, clone 1C7 diluted at 1:100 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — JAK3

Entrez GeneID [3718](#)

Protein Accession# [P52333](#)

Gene Name JAK3

Gene Alias JAK-3, JAK3_HUMAN, JAKL, L-JAK, LJAK

Gene Description Janus kinase 3 (a protein tyrosine kinase, leukocyte)

Omim ID [600173](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease). [provided by RefSeq]

Other Designations Janus kinase 3|leukocyte Janus kinase|tyrosine-protein kinase JAK3

Pathway

- [Chemokine signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Primary immunodeficiency](#)

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Immunologic Deficiency Syndromes](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Leukemia-Lymphoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphopenia](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Myeloma](#)
- [Myelodysplastic Syndromes](#)
- [Neovascularization](#)
- [Occupational Diseases](#)

- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Severe combined immunodeficiency](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)