

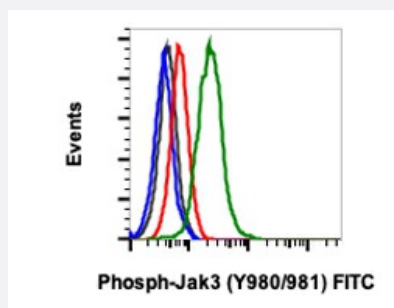
RecomAb™

JAK3 recombinant monoclonal antibody, clone JAK3Y980981-E10 (FITC)

Catalog # RAB03100

Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of Ramos cells untreated (red) or treated with pervanate (green) using Phospho-Jak3 (Tyr980/981) (E10) Rabbit mAb (FITC Conjugate) Jak3Y980/981, or concentration-matched Rabbit (G9) mAb IgG Isotype Control (FITC Conjugate) for cells untreated (black) or treated with pervanate (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human JAK3.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Tyr980/981 of human Jak3
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% Sodium azide)

Storage Instruction

Store at 4°C. Do not freeze.

Note

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

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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](#)