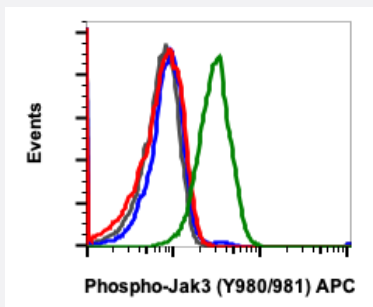


JAK3 (phospho Y980/981) monoclonal antibody, clone E10 (APC)

Catalog # MAB23568 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of Ramos cells with JAK3 (phospho Y980/981) monoclonal antibody, clone E10 (APC) (Cat # MAB23568).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human JAK3.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Y980/981 of human Jak3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Conjugation	APC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).
Storage Instruction	Store at 4°C.

Note

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

Applications

- Flow Cytometry

Flow cytometric analysis of Ramos cells with JAK3 (phospho Y980/981) monoclonal antibody, clone E10 (APC) (Cat # MAB23568).

Gene Info — JAK3

Entrez GeneID	3718
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Protein Accession#	P52333
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Gene Name	JAK3
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Gene Alias	JAK-3, JAK3_HUMAN, JAKL, L-JAK, LJAK
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Gene Description	Janus kinase 3 (a protein tyrosine kinase, leukocyte)
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Omim ID	600173
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Gene Ontology	Hyperlink
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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]
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Other Designations	Janus kinase 3 leukocyte Janus kinase tyrosine-protein kinase JAK3
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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](#)