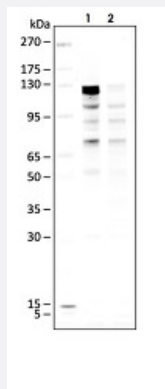


JAK3 (phospho Y980/981) monoclonal antibody, clone E10

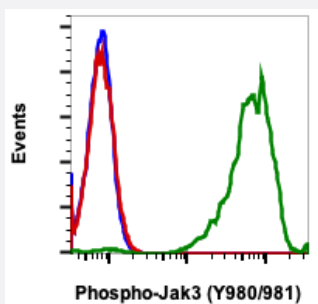
Catalog # MAB23565 Size 200 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of COS7 cell lysate with JAK3 (phospho Y980/981) monoclonal antibody, clone CF12 (Cat # MAB23565). Lane 1: untreated or Lane 2: treated with pervanadate.



Flow Cytometry

Flow cytometric analysis of Ramos cells with JAK3 (phospho Y980/981) monoclonal antibody, clone E10 (Cat # MAB23565). Secondary antibody only negative control (blue) or untreated (red) or treated with pervanadate (green).

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
Purification	Protein A/G purification

Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.1% BSA and 0.02% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of COS7 cell lysate with JAK3 (phospho Y980/981) monoclonal antibody, clone CF12 (Cat # MAB23565).
Lane 1: untreated or Lane 2: treated with pervanadate.

- Flow Cytometry

Flow cytometric analysis of Ramos cells with JAK3 (phospho Y980/981) monoclonal antibody, clone E10 (Cat # MAB23565).
Secondary antibody only negative control (blue) or untreated (red) or treated with pervanadate (green).

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](#)