

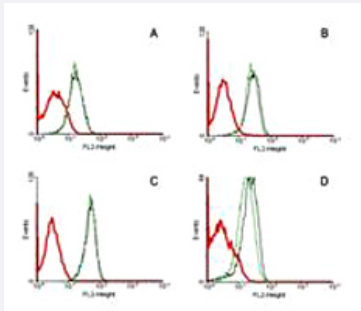
FAS monoclonal antibody, clone LT95

Catalog # MAB0940

Size 100 ug

Applications

Flow Cytometry



Flow cytometry analysis of FAS (CD95) expression on the surface of various hematopoietic cell lines with purified FAS monoclonal antibody, clone LT95 (Cat # MAB0940) (detection by Goat anti - mouse IgG1 PE) . Histograms : Red, isotype mouse IgG1 control staining. Black, standard FAS monoclonal antibody, clone LT95 (Cat # MAB0940) . A : Jurkat human peripheral blood T cell leukemia cell line. B : RAMOS human Burkitt lymphoma cell line. C : CEM human leukemia cell line. D : MOLT - 4 human acute lymphoblastic T cell leukemia cell line.

Specification

Product Description	Mouse monoclonal antibody raised against native FAS.
Immunogen	Native purified FAS from human T cell lymphoma cell line HUT-78.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. 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

- Flow Cytometry

Flow cytometry analysis of FAS (CD95) expression on the surface of various hematopoietic cell lines with purified FAS monoclonal antibody, clone LT95 (Cat # MAB0940) (detection by Goat anti - mouse IgG1 PE) . Histograms : Red, isotype mouse IgG1 control staining. Black, standard FAS monoclonal antibody, clone LT95 (Cat # MAB0940) . A : Jurkat human peripheral blood T cell leukemia cell line. B : RAMOS human Burkitt lymphoma cell line. C : CEM human leukemia cell line. D : MOLT - 4 human acute lymphoblastic T cell leukemia cell line.

Gene Info — FAS

Entrez GeneID
[355](#)
Gene Name

FAS

Gene Alias

ALPS1A, APO-1, APT1, CD95, FAS1, FASTM, TNFRSF6

Gene Description

Fas (TNF receptor superfamily, member 6)

Omim ID
[134637 601859](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. At least eight alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform. [provided by RefSeq]

Other Designations

APO-1 cell surface antigen|CD95 antigen|Fas AMA|Fas antigen|OTTHUMP00000020045|OTTHUMP00000020046|OTTHUMP00000020051|OTTHUMP00000059646|apoptosis antigen 1|tumor necrosis factor receptor superfamily member 6|tumor necrosis factor receptor superfamily, mem

Pathway

- [Allograft rejection](#)
- [Apoptosis](#)
- [Autoimmune thyroid disease](#)
- [Cytokine-cytokine receptor interaction](#)
- [Graft-versus-host disease](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Type I diabetes mellitus](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Autoimmune Diseases](#)
- [Autoimmune Lymphoproliferative Syndrome](#)
- [Azoospermia](#)
- [Bone Neoplasms](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Carcinoma in Situ](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Eye Diseases](#)
- [Fetal Diseases](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Gastroesophageal Reflux](#)
- [Genetic Predisposition to Disease](#)

- [Genital Neoplasms](#)
- [Glaucoma](#)
- [Graves Disease](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [HELLP Syndrome](#)
- [Hematologic Diseases](#)
- [Hepatitis](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [HIV-Associated Lipodystrophy Syndrome](#)
- [Hodgkin Disease](#)
- [HTLV-I Infections](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Insulin Resistance](#)
- [Intestinal Neoplasms](#)
- [Kidney Failure](#)
- [Leber hereditary optic neuropathy](#)
- [Leukemia](#)

- [Leukoplakia](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphocytosis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Metabolic Syndrome X](#)
- [Mitochondrial Diseases](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Nasopharyngeal Neoplasms](#)
- [Necrosis](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Oligospermia](#)

- [Optic Atrophy](#)
- [Oral Submucous Fibrosis](#)
- [Osteoporosis](#)
- [Osteosarcoma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Pharyngeal Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Sarcoidosis](#)
- [Scleroderma](#)
- [Silicosis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Spondylarthropathies](#)
- [Stomach Neoplasms](#)
- [Syndrome](#)

- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Vitiligo](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)