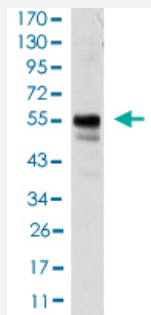


RUNX1 monoclonal antibody, clone 5A1

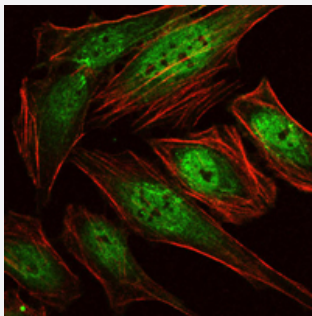
Catalog # MAB15273 Size 100 uL

Applications



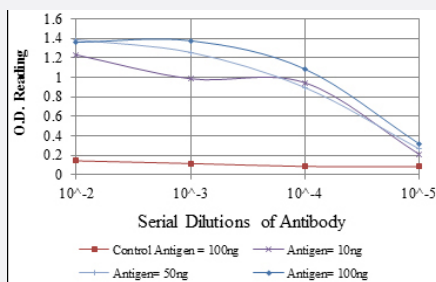
Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell.



Immunofluorescence

Immunofluorescence staining of HeLa cells using RUNX1 monoclonal antibody, clone 5A1 (Green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of RUNX1 monoclonal antibody, clone 5A1.

Specification

Product Description

Mouse monoclonal antibody raised against synthetic peptide of human RUNX1.

Immunogen

A synthetic peptide corresponding to C-terminus of human RUNX1.

Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Recommend Usage	ELISA (1:10000) Immunofluorescence (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascitic fluid (0.03% sodium azide).
Storage Instruction	Store at -20°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

- Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell.

- Immunofluorescence

Immunofluorescence staining of HeLa cells using RUNX1 monoclonal antibody, clone 5A1 (Green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of RUNX1 monoclonal antibody, clone 5A1.

Gene Info — RUNX1

Entrez GeneID	861
Protein Accession#	Q01196
Gene Name	RUNX1
Gene Alias	AML1, AML1-EVI-1, AMLCR1, CBFA2, EVI-1, PEBP2aB
Gene Description	runt-related transcription factor 1

Omim ID [151385](#) [180300](#) [601399](#) [601626](#)

Gene Ontology [Hyperlink](#)

Gene Summary Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. The protein encoded by this gene represents the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis. Chromosomal translocations involving this gene are well-documented and have been associated with several types of leukemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations AML1-EVI-1 fusion protein|acute myeloid leukemia 1|aml1 oncogene|core-binding factor, runt domain, alpha subunit 2

Pathway

- [Acute myeloid leukemia](#)
- [Chronic myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Blast Crisis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Immune System Diseases](#)

- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Myelodysplastic Syndromes](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Psoriasis](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)