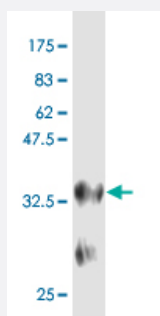


# RUNX1 monoclonal antibody (M21), clone 3E9

Catalog # H00000861-M21

Size 100 ug

## Applications



Western Blot detection against Immunogen (37.29 KDa) .

## Specification

|                                      |                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against a partial recombinant RUNX1.                                              |
| <b>Immunogen</b>                     | RUNX1 (NP_001745, 376 a.a. ~ 480 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | RYHTYLPPPYPGSSQAQGGPFQASSPSYHLYYGASAGSYQFSMVGGERSPPRILPPCTNASTGS<br>ALLNPSLPNQSDVVEAEGSHSNSPTNMAPSARLEEAVWRPY      |
| <b>Host</b>                          | Mouse                                                                                                              |
| <b>Reactivity</b>                    | Human                                                                                                              |
| <b>Interspecies Antigen Sequence</b> | Mouse (92); Rat (91)                                                                                               |
| <b>Isotype</b>                       | IgG2a Kappa                                                                                                        |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.29 KDa) .           |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                  |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                           |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — RUNX1

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">861</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| GeneBank Accession# | <a href="#">NM_001754</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Protein Accession#  | <a href="#">NP_001745</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Name           | RUNX1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Alias          | AML1, AML1-EVI-1, AMLCR1, CBFA2, EVI-1, PEBP2aB                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Description    | runt-related transcription factor 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Omim ID             | <a href="#">151385</a> <a href="#">180300</a> <a href="#">601399</a> <a href="#">601626</a>                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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](#)