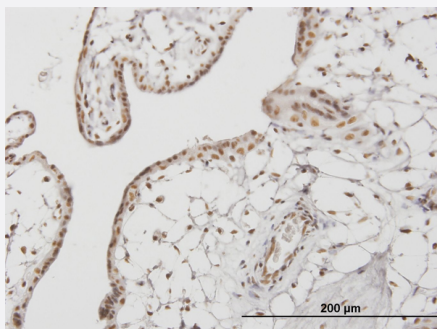


RUNX1 monoclonal antibody (M01), clone 3A8

Catalog # H00000861-M01

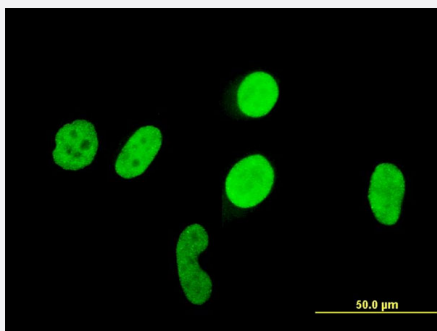
Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to RUNX1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 1.2 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to RUNX1 on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant RUNX1.

Immunogen

RUNX1 (NP_001001890.1, 210 a.a. ~ 310 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

RVSPHHPAPTPNPRASLNHSTAFNPQPQSQMQDTRQIQPSPPWSYDQSYQYLGSIASPSVHPAT
PISPGRASGMTLSAELSSRLSTAPDLTAFSDPRQFP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (95); Rat (95)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to RUNX1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 1.2 ug/ml]

[Protocol Download](#)

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to RUNX1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — RUNX1

Entrez GeneID	861
GeneBank Accession#	NM_001001890
Protein Accession#	NP_001001890.1
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

Publication Reference

- [The RUNX1 transcription factor is expressed in serous epithelial ovarian carcinoma and contributes to cell proliferation, migration and invasion.](#)

Keita M, Bachvarova M, Morin C, Plante M, Gregoire J, Renaud MC, Sebastianelli A, Trinh XB, Bachvarov D.

Cell Cycle 2013 Mar; 12(6):972.

Application: IHC, Human, Human ovarian tissues

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](#)
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- [Pancreatic Neoplasms](#)
- [Psoriasis](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)