



RUNX1 Mouse Monoclonal Antibody

E10-30171

Background: 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) Tissue specificity: Expressed in all tissues examined except brain and heart. Highest levels in thymus, bone marrow and peripheral blood.

Catalog Number: E10-30171

Amount: 100µg/100µl

Clone Number: 5A1

Species: Mouse IgG1

MW: 55kDa

Aliases: AML1; CBFA2; EVI-1; AMLCR1; PEBP2aB; AML1-EVI-1; RUNX1

Entrez Gene: 861

Immunogen: Synthesized peptide of human RUNX1.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200-1/1000,
ELISA: Propose dilution 1/10000.

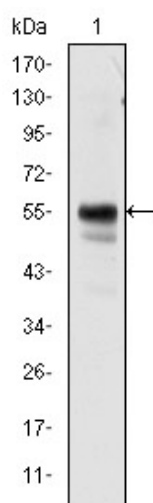


Figure 1: Western blot analysis using RUNX1 mouse mAb against Jurkat cell lysate.

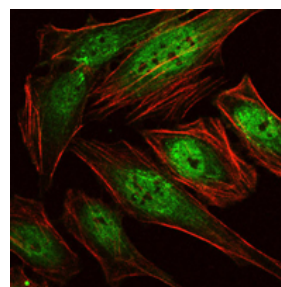
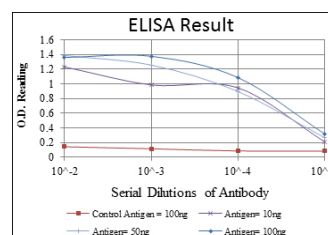


Figure 2: Immunofluorescence analysis of Hela cells using RUNX1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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