

Product datasheet for **AM06583SU-N**

RUNX1 Mouse Monoclonal Antibody [Clone ID: 5A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5A1
Applications:	ELISA, IF, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthesized peptide of Human RUNX1.
Specificity:	Recognizes RUNX1
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	55 kDa
Gene Name:	runt related transcription factor 1
Database Link:	Entrez Gene 861 Human Q01196



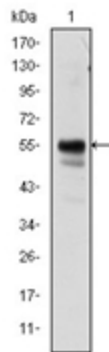
[View online »](#)

Background:

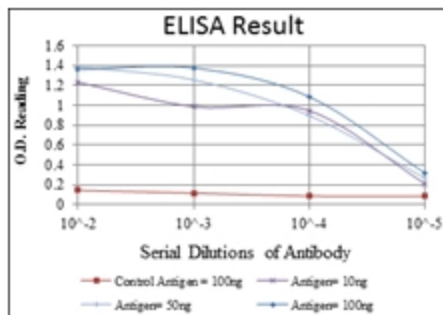
Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. The protein encoded by this gene represents the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis. Chromosomal translocations involving 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.

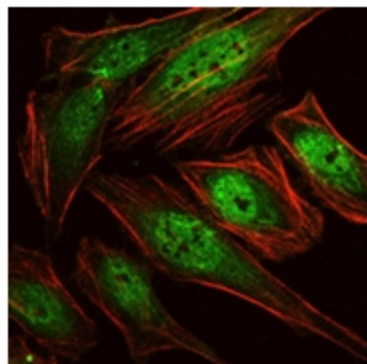
Synonyms:

Runt-related transcription factor, 1, AML1, AML-1, AMLCR1, Acute myeloid leukemia 1 protein, AML1-EVI-1, EVI-1, CBFA2, CBF-alpha-2, PEA2-alpha B, PEBP2-alpha B, PEBP2A2

Product images:


Western blot analysis using RUNX1 antibody Cat.-No AM06583SU-N against Jurkat cell lysate.





Immunofluorescence analysis of HeLa cells using RUNX1 antibody Cat.-No AM06583SU-N (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.