

RUNX1 Antibody

Purified Mouse Monoclonal Antibody Catalog # AO1523a

Product Information

Application WB, ICC, E
Primary Accession Q01196
Reactivity Human
Host Mouse
Clonality Monoclonal

Clone Names 5A1 Isotype IgG1 Calculated MW 48737 Da

Description 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.

Immunogen Synthesized peptide of human RUNX1.

Formulation Ascitic fluid containing 0.03% sodium azide.

Additional Information

Other Names Runt-related transcription factor 1, Acute myeloid leukemia 1 protein,

Core-binding factor subunit alpha-2, CBF-alpha-2, Oncogene AML-1, Polyomavirus enhancer-binding protein 2 alpha B subunit, PEA2-alpha B, PEBP2-alpha B, SL3-3 enhancer factor 1 alpha B subunit, SL3/AKV

core-binding factor alpha B subunit, RUNX1, AML1, CBFA2

Dilution WB~~1/500 - 1/2000 ICC~~N/A E~~1/10000

Storage Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions RUNX1 Antibody is for research use only and not for use in diagnostic or

therapeutic procedures.

Protein Information

References

1. J Cell Physiol. 2009 Feb;218(2):343-9. 2. J Radiat Res (Tokyo). 2008 Sep;49(5):549-55.

Images

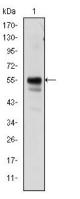


Figure 1: Western blot analysis using RUNX1 mouse mAb against Jurkat cell lysate.

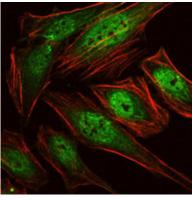


Figure 2: Immunofluorescence analysis of Hela cells using RUNX1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

 $Please\ note: All\ products\ are\ 'FOR\ RESEARCH\ USE\ ONLY.\ NOT\ FOR\ USE\ IN\ DIAGNOSTIC\ OR\ THERAPEUTIC\ PROCEDURES'.$