

## Mouse Monoclonal Antibody to RUNX1

**Catalogue Number** sAP-0543

**Target Molecule** **Name:** RUNX1

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

**MW:** 55kDa

**Entrez Gene ID: 861**

**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. ;

**Reactive Species** Human

**Clone** MM2B5;

**Size and Concentration** 100µg/1mg/ml

**Supplied as** Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

**Reconstitution/Storages** Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1. J Virol. 2008 Jul;82(13):6395-408. ; 2. J Immunol. 2008 Apr 1;180(7):4402-8.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**