
MLL (10F8) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252749

Unit: 0.1 ml

Description:

MLL (Histone-lysine N-methyltransferase) is a 430 kDa protein that regulates embryonal and hematopoietic development. Eukaryotic RNA polymerase II mediates the synthesis of mature and functional messenger RNA. This is a multistep process, called the transcription cycle, that includes five stages: preinitiation, promoter, clearance, elongation and termination. Elongation is thought to be a critical stage for the regulation of gene expression. ELL functions as an RNA polymerase II elongation factor that increases the rate of transcription by suppressing transient pausing by RNA polymerase II. Also, ELL is thought to regulate cellular proliferation. ELL is abundantly expressed in peripheral blood leukocytes, skeletal muscle, placenta and testis, and has lower expression in spleen, thymus, heart, brain, lung, kidney, liver and ovary.

Isotype: Mouse IgG1

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Histone-lysine N-methyltransferase MLL; ALL-1; CXXC-type zinc finger protein 7; Lysine N-methyltransferase 2A; KMT2A; Trithorax-like protein; Zinc finger protein HRX, MLL

Accession No.: Q03164

Antigen: Purified recombinant fragment of MLL(aa3751-3968) expressed in E. coli.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.