

## Mouse Monoclonal Antibody to MLL

<b>Catalogue Number</b>	sAP-0149
<b>Target Molecule</b>	<b>Name:</b> MLL <b>Aliases:</b> MLL <b>MW:</b> N/A <b>Entrez Gene ID:</b> 4297
<b>Description</b>	Myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila). 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 (11-19 lysine-rich leukemia protein, also designated MEN) 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 ova-
<b>Immunogen</b>	Purified recombinant fragment of MLL (aa3751-3968) expressed in E. Coli.
<b>Reactive Species</b>	Human
<b>Clone</b>	MM10F8D7;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Genet Couns. 2006;17(2):155-9. ; 2. Cancer Genet Cytogenet. 2006 Jul 15;168(2):162-7 ; 3. Leukemia. 2007 Feb;21(2):360-2. Epub 2007 Jan 4.

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**