

MLL monoclonal antibody

Catalog: MB21141

Host: Mouse

Reactivity: Human

BackGround:

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 ovary. The gene encoding human ELL, which maps to chromosome 19p13.1, is one of several genes which undergo translocation with the MLL gene on chromosome 11q23 in acute myeloid leukemia. MLL (myeloid/lymphoid leukemia, also designated ALL-1 and HRX) is a 430 kDa protein that regulates embryonal and hematopoietic development.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

Swiss-Prot:

Q03164

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1/200 - 1/1000

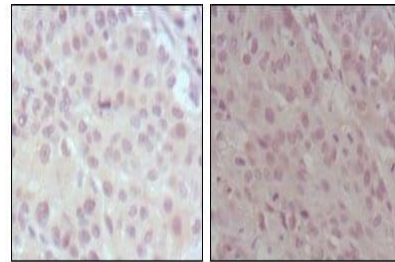
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and esophagus cancer (right), showing nuclear weak staining with DAB staining using MLL mouse mAb.

Note:

For research use only, not for use in diagnostic procedure.

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