



MLL (Myeloid/lymphoid or Mixed Lineage Leukemia, Acute Lymphocytic Leukemia 1, ALL1, ALL-1, CXXC7, HGNC:7132, HRX, HTRX1, KMT2A, MLL1, MLL1A, Trithorax Homolog (Drosophila), Trithorax-like Protein, TRX1, Zinc Finger Protein HRX)

Catalog number

M4126-01

Supplier

United States Biological

A partial tandem duplication within the MLL-gene (MLL-PTD) can be found in 8% of all patients with karyotypically normal acute myeloid leukemia (AML). MLL possibly acts as a transcriptional regulatory factor.

Applications

Suitable for use in Western Blot, Immunohistochemistry and Immunoprecipitation. Other applications not tested.

Recommended Dilutions

Immunoprecipitation: 2-10ug/mg of lysate

Western Blot: 1:2000-1:10,000

Immunohistochemistry (Paraffin): 1:100-1:250

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C. For long-term storage, aliquot and store at 4°C. Do not freeze. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Synthetic peptide corresponding to a region between aa720-780 of human myeloid/lymphoid or mixed-lineage leukemia 1.

Formulation

Supplied as a liquid in Tris-citrate/phosphate, pH 7.5. 0.09% sodium azide.

Purity

Purified by Immunoaffinity chromatography.

Specificity

Recognizes human MLL1 protein. Species Crossreactivity: mouse. Species sequence homology: Rat, Chicken, Turkey, Bovine, Dog, Horse, Rabbit, Panda, Orangutan, Rhesus Monkey, Gorilla, Chimpanzee, Primates, Ring-tailed lemur, White-tufted-ear marmoset, Black-handed spider monkey and Northern white-cheeked gibbon.

**Product Type**

Pab

Source

human

Isotype

IgG

Grade

Affinity Purified

Applications

IHC IP WB

Crossreactivity

Hu Mo

Storage

4°C Do Not Freeze