Anti-MLLT10 Rabbit Monoclonal Antibody

Catalog #: 4886

Aliases

MLLT10; MLLT10 Histone Lysine Methyltransferase DOT1L Cofactor; AF10; Myeloid/Lymphoid Or Mixed-Lineage Leukemia; Translocated To, 10; ALL1-Fused Gene From Chromosome 10 Protein; Protein AF-10; Myeloid/Lymphoid Or Mixed-Lineage Leukemia (Trithorax (Drosophila) Homolog); Translocated To, 10; Myeloid/Lymphoid Or Mixed-Lineage Leukemia (Trithorax Homolog, Drosophila); Translocated To, 10; Type III AF10 Protein; Type IV AF10 Protein; Type I AF10 Protein

Background

Gene Name: MLLT10
NCBI Gene Entry: 8028
UniProt Entry: P55197

Application Information

Molecular Weight: Predicted, 113 kDa; observed, 140 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB13590
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

Recombinant protein of human AF10

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

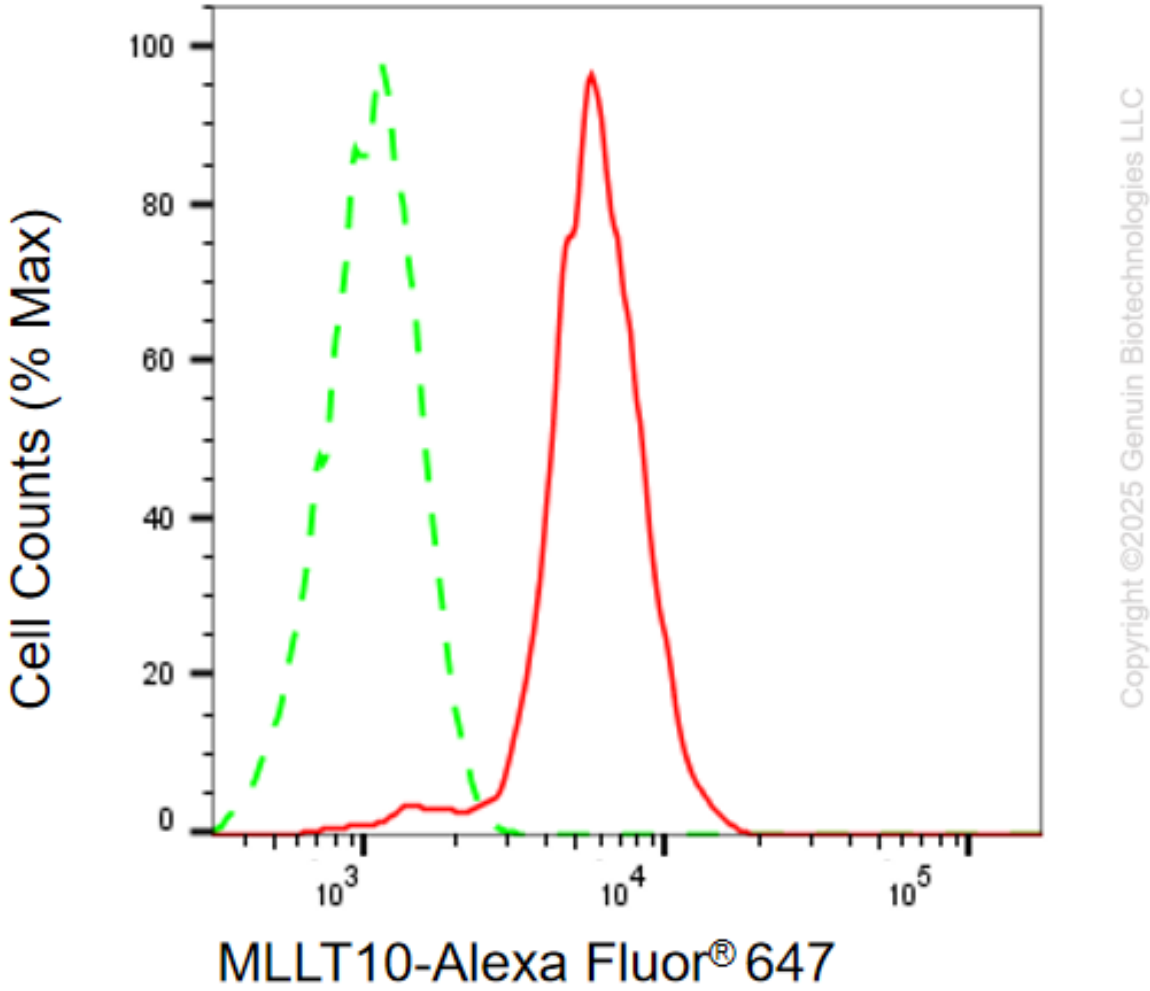
Store at -20 °C for one year.

Recommended Dilutions

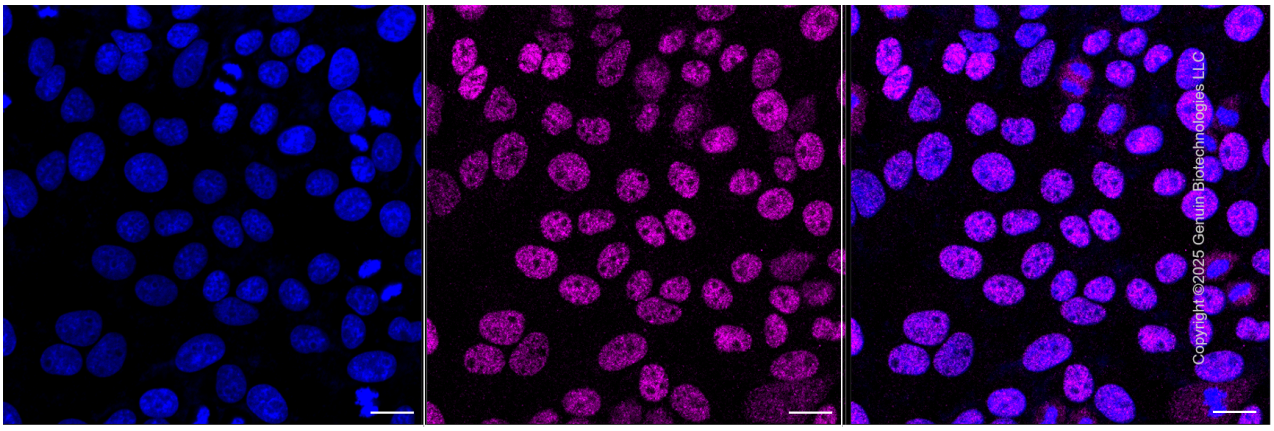
Western Blotting (WB): 1:1,000-1:5,000
IImmunohistochemistry (IHC): 1:100-1:1,000
Flow Cytometry (FCM) : 1:2,000

Note: This product is for research use only.

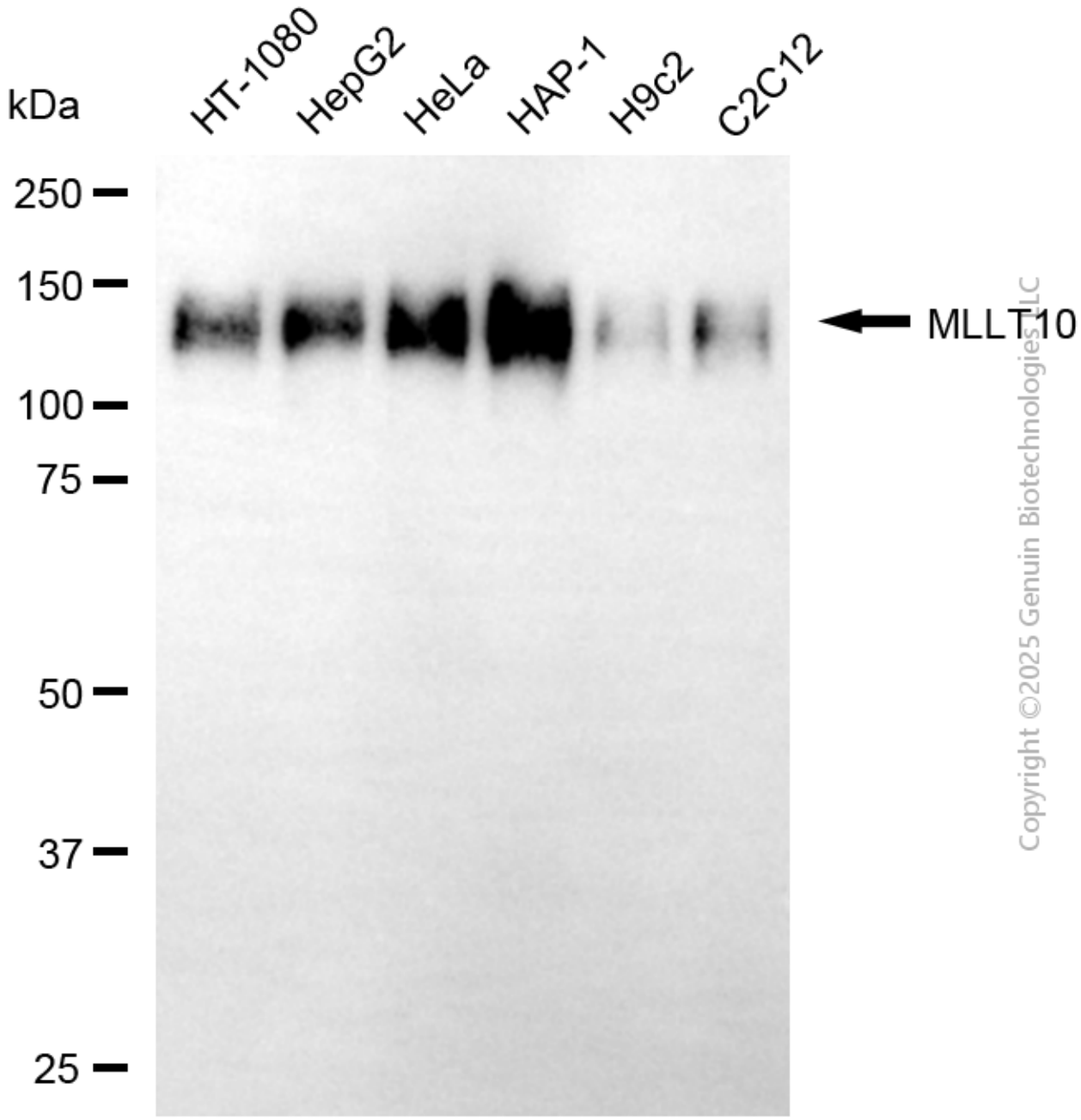
Validation Data



Flow cytometric analysis of MLLT10 expression in HepG2 cells using anti-MLLT10 antibody (Cat#4886, 1:1,000). Green, isotype control; red, MLLT10.



Immunocytochemical staining of HepG2 cells with anti-MLLT10 antibody (Cat#4886, 1:1,000) . Nuclei were stained blue with DAPI; MLLT10 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-MLLT10 antibody (Cat#4886). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MLLT10 antibody (Cat#4886, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).