Anti-Linker For Activation Of T Cells Rabbit Monoclonal Antibody

Catalog #: 4723

Aliases

LAT; Linker For Activation Of T Cells; LAT1; Linker For Activation Of T Cells,Transmembrane Adaptor; Linker For Activation Of T-Cells Family Member 1; 36 KDa Phosphotyrosine Adapter Protein; P36-38; Pp36; 36 KDa Phospho-Tyrosine Adapter Protein; 36 KDa Phospho-Tyrosine Adaptor Protein; IMD52

Background

Gene Name: LAT
NCBI Gene Entry: 27040
UniProt Entry: O43561

Application Information

Molecular Weight: Predicted, 28 kDa; observed, 36 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB12625
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human LAT

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
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

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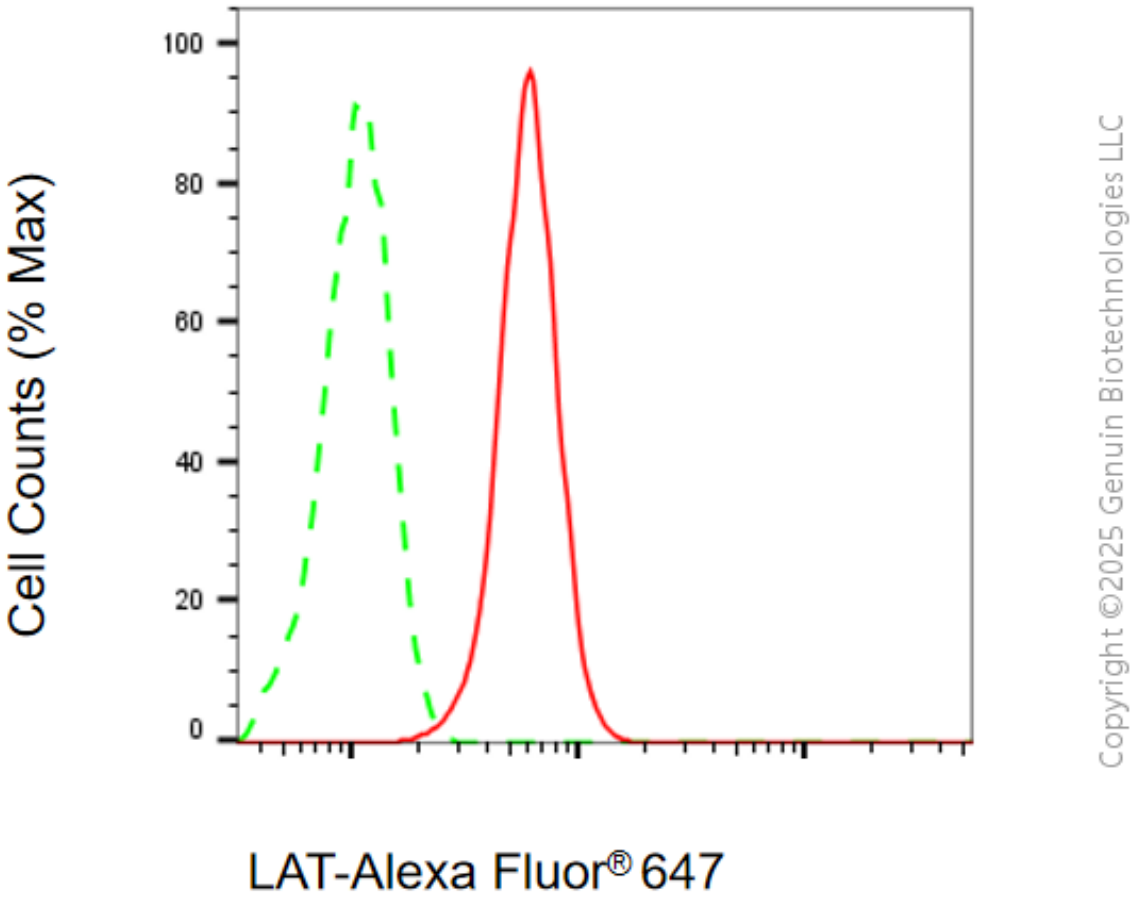
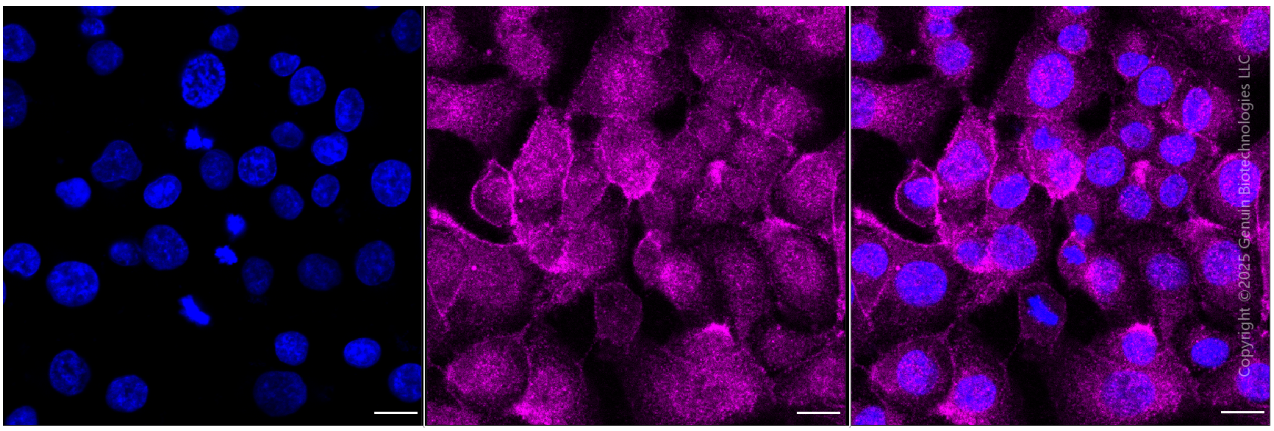
Note: This product is for research use only.

Validation Data



Flow cytometric analysis of LAT expression in HT-1080 cells using anti-LAT antibody (Cat#4723, 1:2,000). Green, isotype control; red, LAT.



Immunocytochemical staining of HT-1080 cells with anti-LAT antibody (Cat#4723, 1:1,000) .

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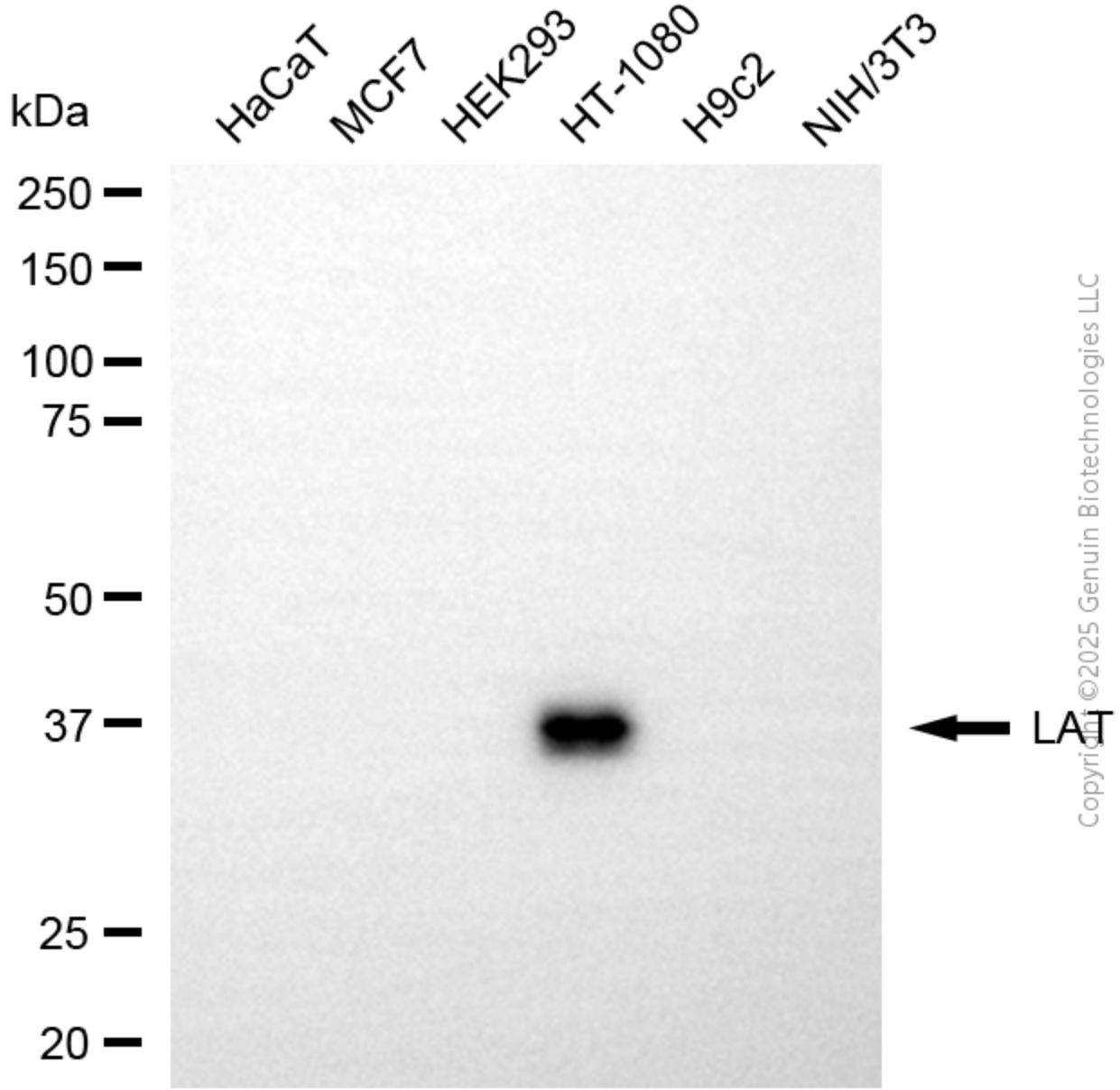
Nuclei were stained blue with DAPI; LAT was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-LAT antibody (Cat#4723). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-LAT antibody (Cat#4723, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).