Anti-SLC6A5 Recombinant Rabbit Monoclonal Antibody

Catalog #: 1702

Aliases

SLC6A5; Solute Carrier Family 6 Member 5; GLYT2; Sodium- And Chloride-Dependent Glycine Transporter 2; NET1; Solute Carrier Family 6 (Neurotransmitter Transporter, Glycine), Member 5; Norepinephrine Transporter 1; GlyT-2; GLYT-2; Solute Carrier Family 6 (Neurotransmitter Transporter), Member 5; Glycine Transporter 2; HKPX3; GlyT2

Background

Gene Name: SLC6A5
NCBI Gene Entry: 9152
UniProt Entry: Q9Y345

Application Information

Molecular Weight: Predicted, 87 kDa; observed, 87 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB4145
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Glyt2

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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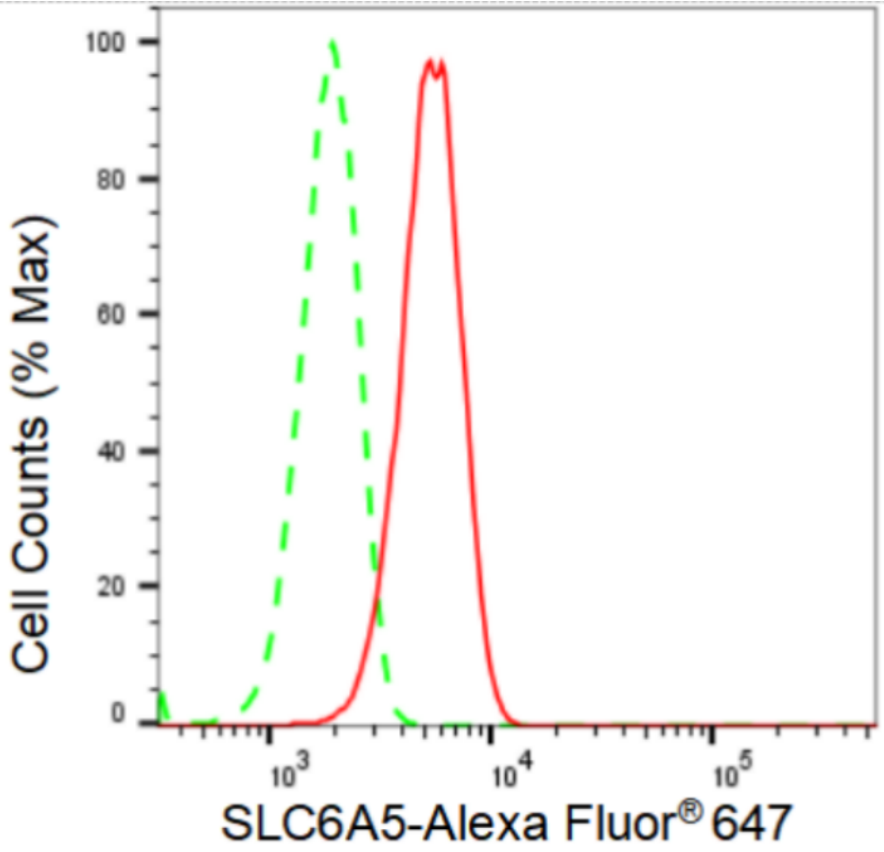
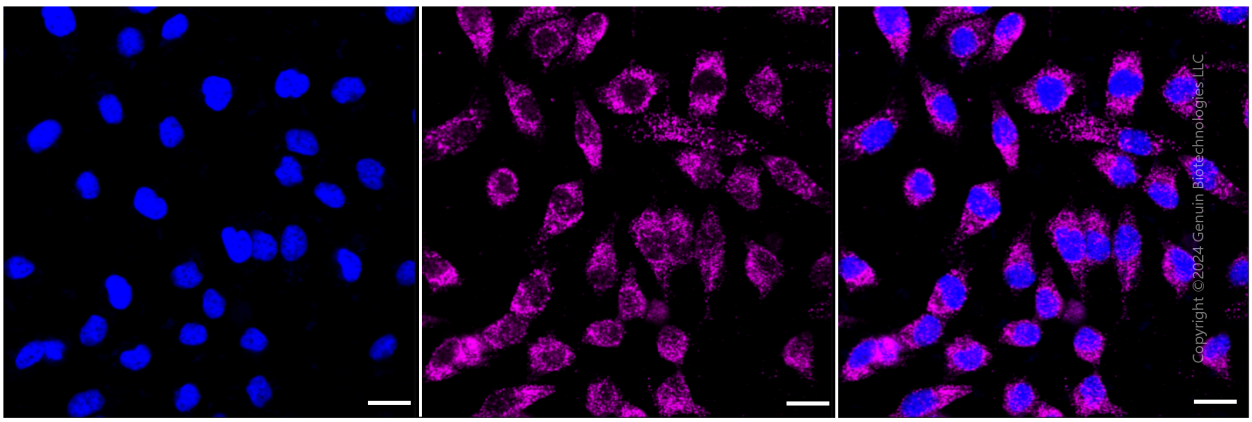
Note: This product is for research use only.

Validation Data



Flow cytometric analysis of SLC6A5 expression in HeLa cells using SLC6A5 antibody (Cat#1702, 1:2,000). Green, isotype control; red, SLC6A5.



Immunocytochemical staining of HeLa cells with SLC6A5 antibody (Cat#1702, 1:1,000). Nuclei were stained blue with DAPI; SLC6A5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium.

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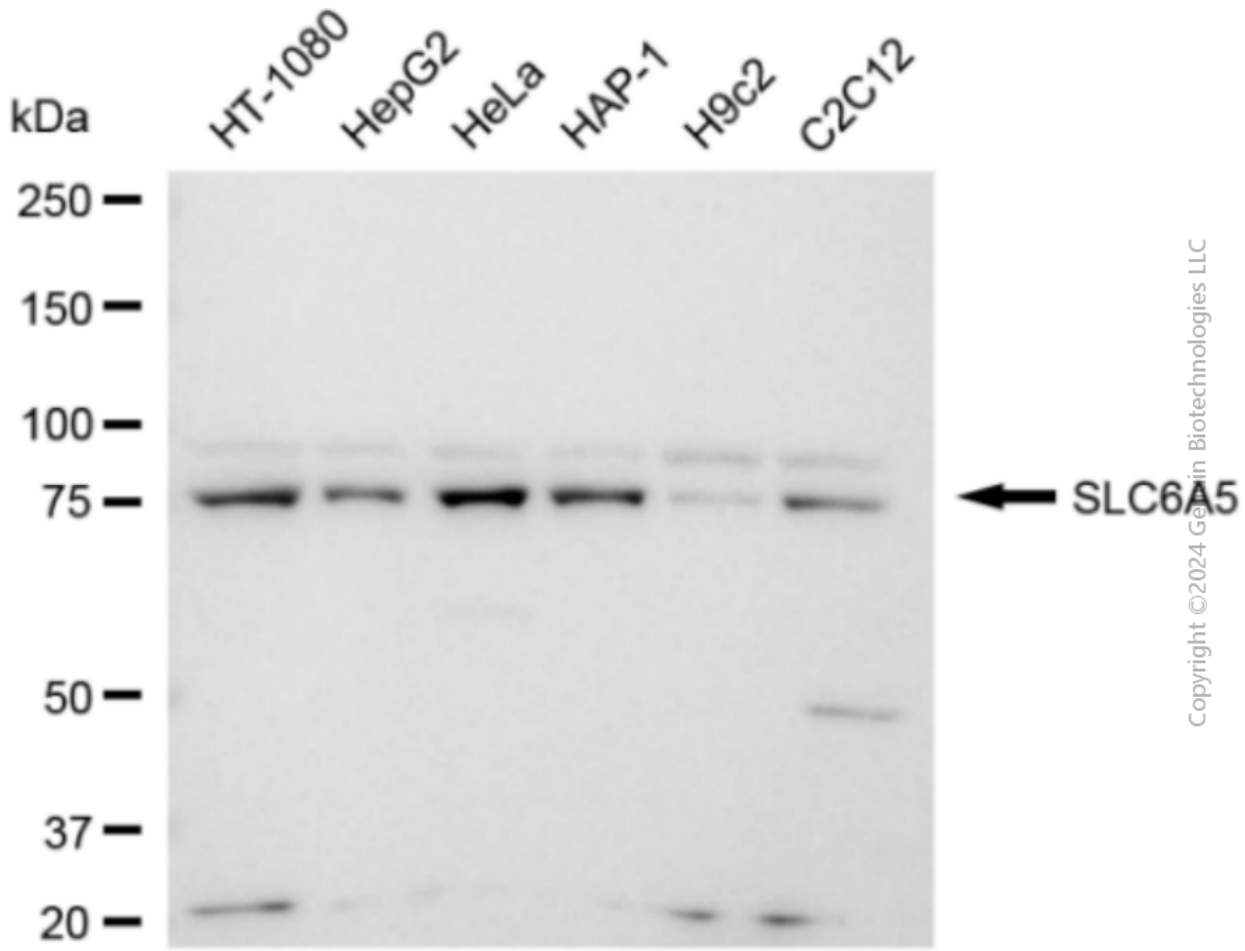
Scale bar: 20 µm.



Western blotting analysis using anti-SLC6A5 antibody (Cat#1702). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SLC6A5 antibody (Cat#1702, 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).