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[KD-Validated] Anti-GCLC Rabbit Monoclonal Antibody

Cat No.: KD-10400

Aliases:

GCLC; Glutamate-Cysteine Ligase Catalytic Subunit; GLCLC; GLCL; GCS; Glutamate-Cysteine Ligase Catalytic Subunit; Gamma-Glutamylcysteine Synthetase; GCS Heavy Chain; EC 6.3.2.2; Gamma-ECS; Glutamate-Cysteine Ligase, Catalytic Subunit; GCL

Background:

UniProt Entry: [P48506](#);NCBI Gene Entry: [2729](#)

Application Information

Molecular Weight: Predicted, 61 kDa, observed, 73 kDa Clonality: Rabbit monoclonal antibody Clone ID: 24GB4860 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM)

Immunogen

Recombinant protein of human GCLC

Isotype

Rabbit IgG

Storage Buffer

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

Storage

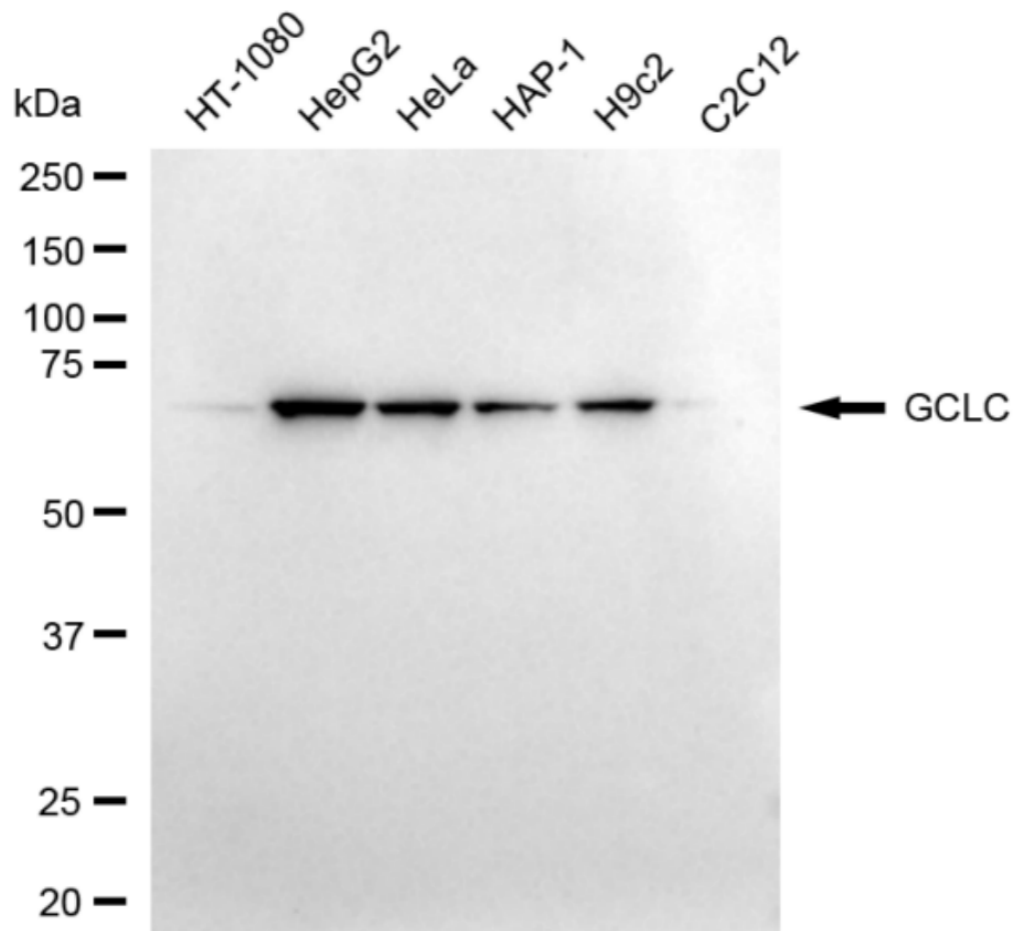
Store at -20 °C for one year.

Recommended Dilutions

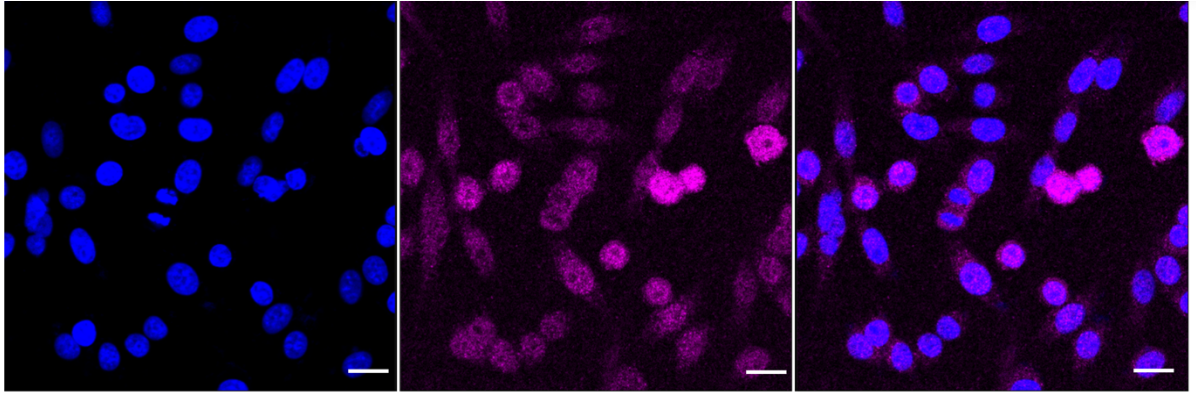
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Protocols

For general and specific antibody protocols please visit our website. Read all instructions before using this product.



Western blotting analysis using anti-GCLC antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit 1:2,000. Green, isotype control; red,GCLC.



Immunocytochemical staining of HepG2 cells with anti-GCLC antibody 1:1,000. Nuclei were stained blue with DAPI; GCLC 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 .