9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Clathrin Heavy Chain Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1984

Product Overview

Name	KD-Validated Anti-Clathrin Heavy Chain Rabbit Monoclonal Antibody
Accession(Primary)	Q00610
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Clathrin heavy chain
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 192 kDa, observed, 192 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1,000

Target information (Q00610)

Gene Name	CLTC
About Gene Symbol	CLTC (Clathrin Heavy Chain) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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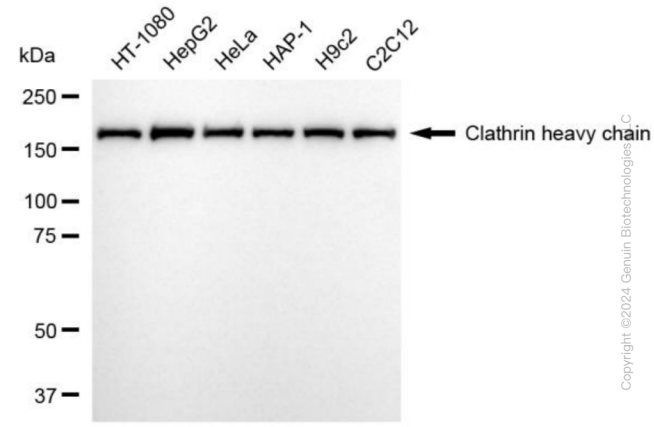
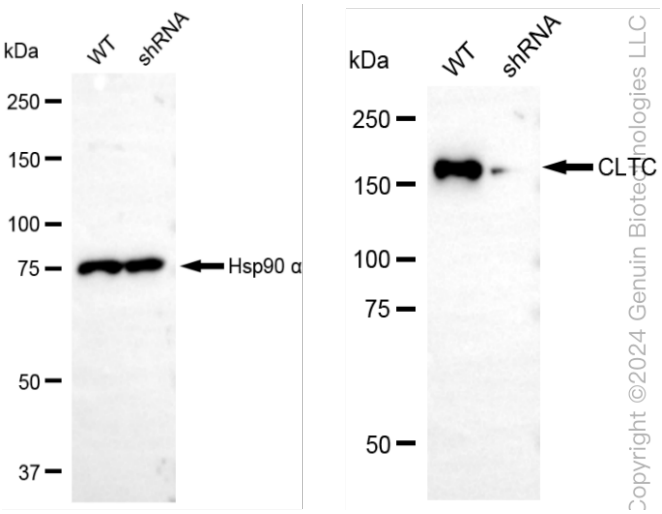
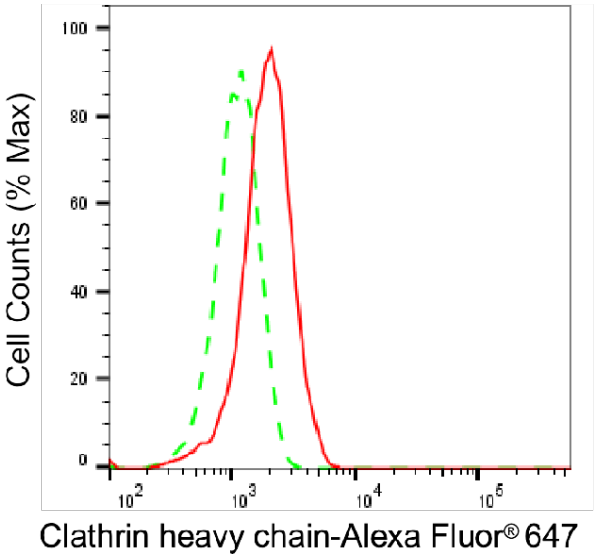


Western blotting analysis using anti-clathrin heavy chain antibody (Cat#ABG1984). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-clathrin heavy chain antibody (Cat#ABG1984, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-clathrin heavy chain antibody (Cat#ABG1984). Clathrin heavy chain expression in wild-type (WT) and clathrin heavy chain (CLTC) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-clathrin heavy chain antibody (Cat#ABG1984, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Clathrin heavy chain expression in HepG2 cells using anti-Clathrin heavy chain antibody (Cat#ABG1984, 1:2,000). Green, isotype control; red, Clathrin heavy chain.

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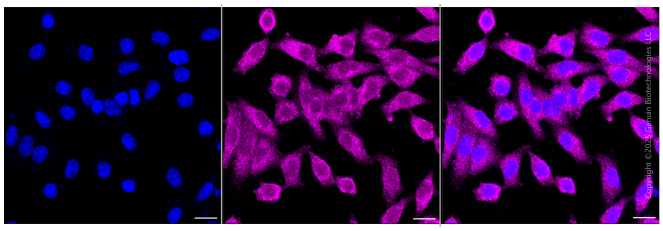

Immunocytochemical staining of HepG2 cells with anti-Clathrin heavy chain antibody (Cat#ABG1984, 1:1,000). Nuclei were stained blue with DAPI; Clathrin heavy chain was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.