

Catalog #: 3509

Aliases

CALCOCO2; Calcium Binding And Coiled-Coil Domain 2; NDP52; Calcium-Binding And Coiled-Coil Domain-Containing Protein 2; Antigen Nuclear Dot 52 KDa Protein; Nuclear Domain 10 Protein NDP52; Nuclear Domain 10 Protein 52; Nuclear Dot Protein 52; MGC17318

Background

Gene Name: CALCOCO2

NCBI Gene Entry: [10241](#)

UniProt Entry: [Q13137](#)

Application Information

Molecular Weight: Predicted, 52 kDa; observed, 52 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB6275

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

Recombinant protein of human CALCOCO2

Isotype

Mouse IgG1

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

Immunohistochemistry (IHC): 1:100-1:1,000

Flow Cytometry (FCM) : 1:2,000

Note: This product is for research use only.

SUPPORT

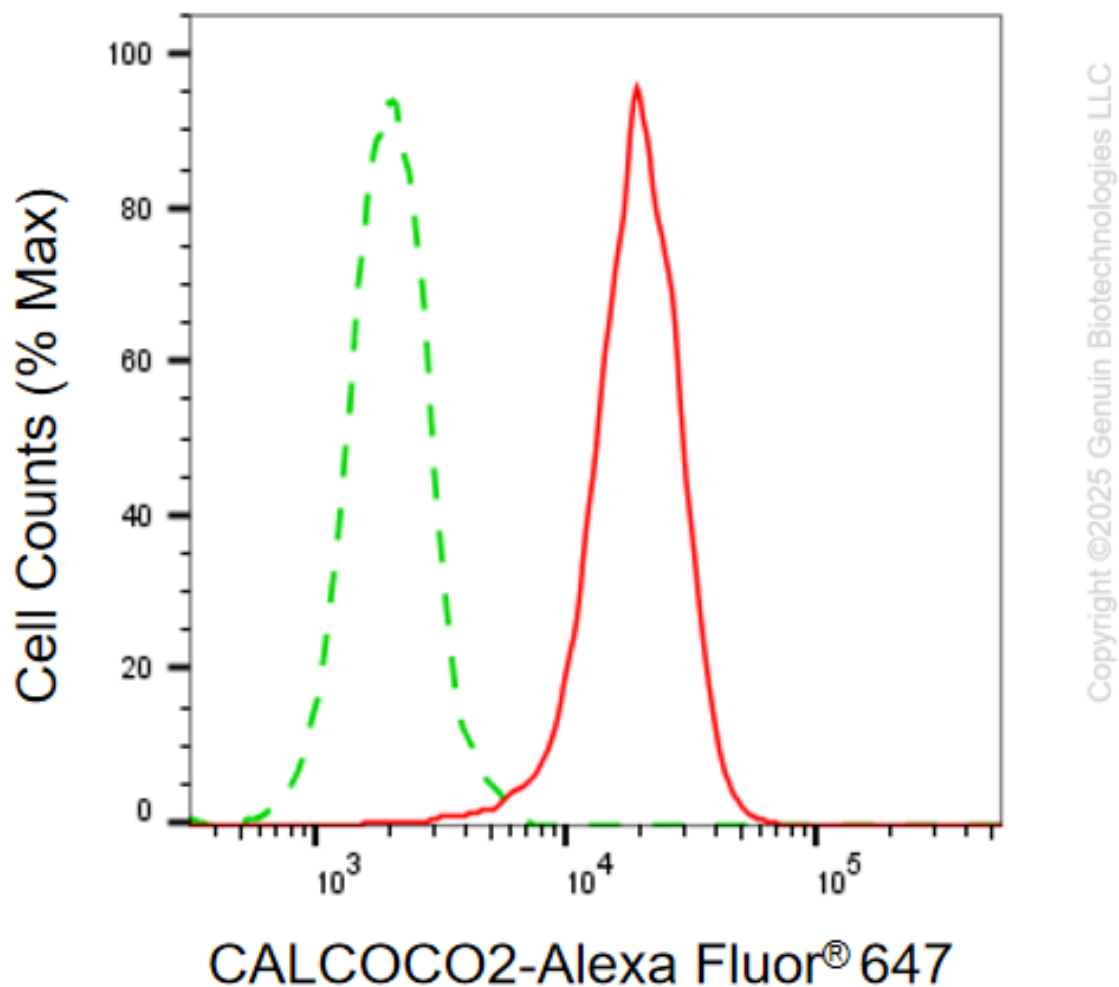
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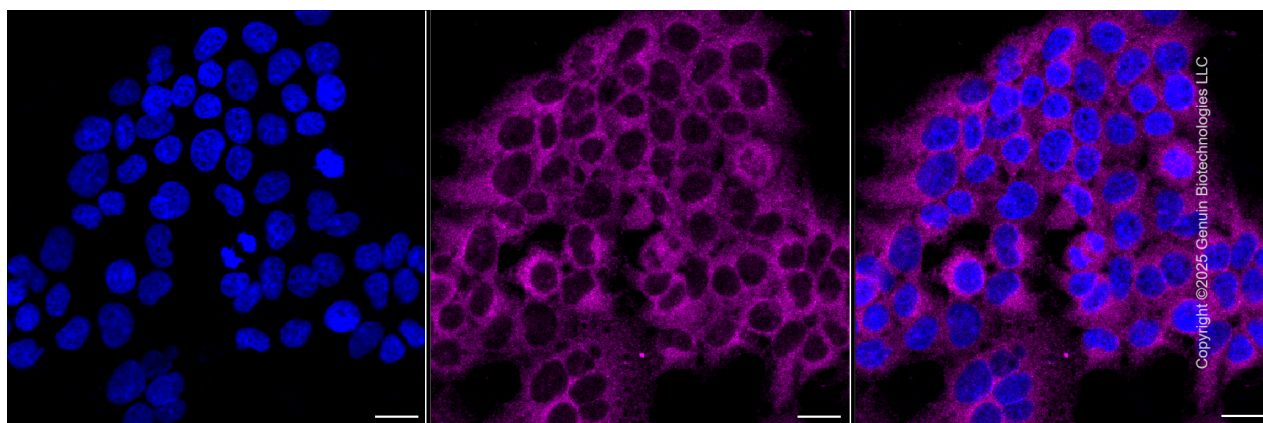
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Validation Data



Flow cytometric analysis of CALCOCO2 expression in HeLa cells using anti-CALCOCO2 antibody (Cat#3509, 1:2,000). Green, isotype control; red, CALCOCO2.



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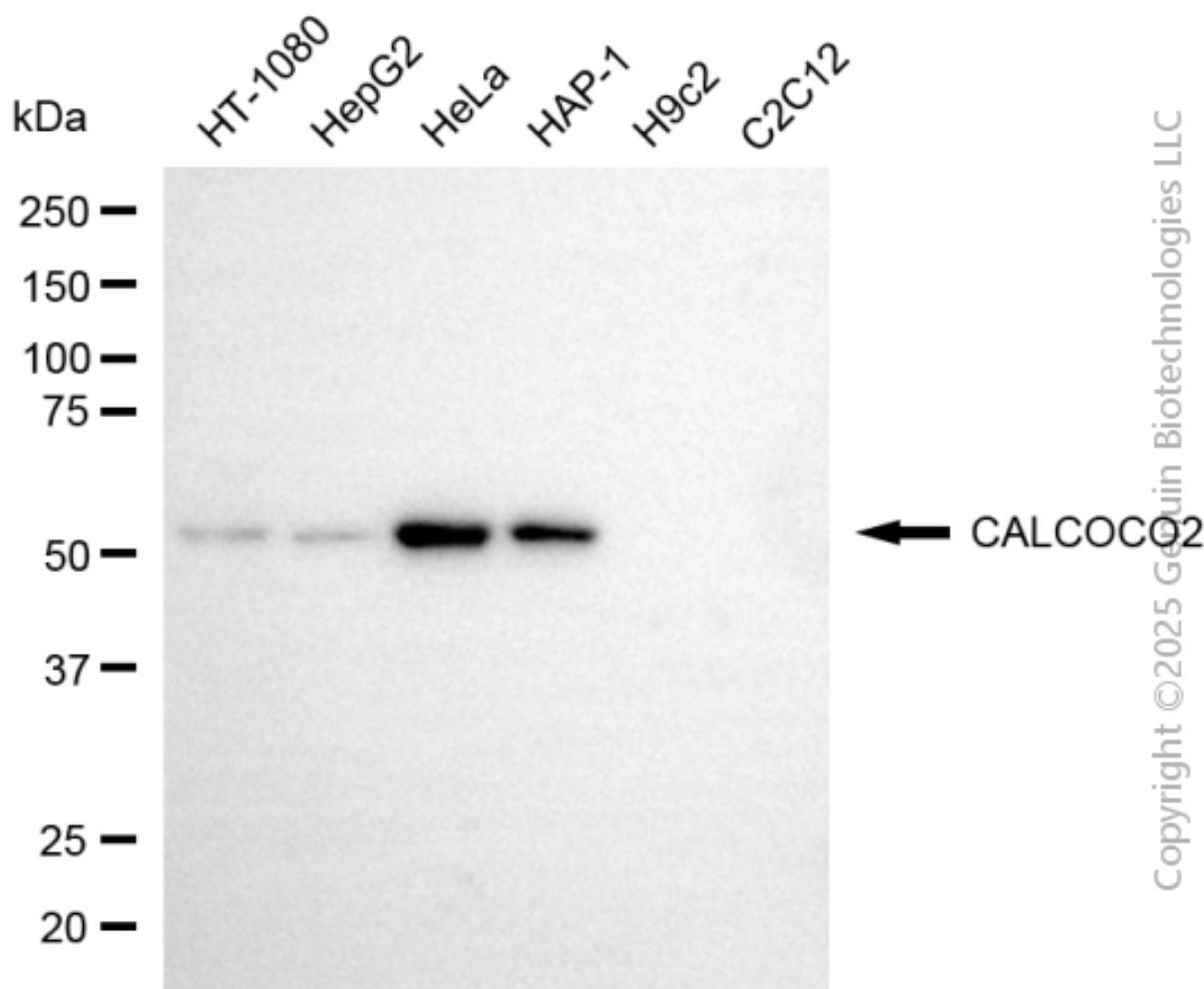
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Immunocytochemical staining of HeLa cells with anti-CALCOCO2 antibody (Cat#3509, 1:1,000). Nuclei were stained blue with DAPI; CALCOCO2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain □ Medium. Scale bar, 20 μm.



Western blotting analysis using anti-CALCOCO2 antibody (Cat#3509). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CALCOCO2 antibody (Cat#3509, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).