

Anti-Cortactin Recombinant Rabbit Monoclonal Antibody



Catalog #: 5472

Aliases

CTTN; Cortactin; EMS1; Ems1 Sequence (Mammary Tumor And Squamous Cell Carcinoma-Associated (P80/85 Src Substrate); Src Substrate Cortactin; Oncogene EMS1; Amplexin; Epididymis Secretory Sperm Binding Protein

Background

Gene Name: CTTN

NCBI Gene Entry: [2017](#)

UniProt Entry: [Q14247](#)

Application Information

Molecular Weight: Predicted, 62 kDa; observed, 70-90 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB1645

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Src substrate cortactin

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

Note: This product is for research use only.

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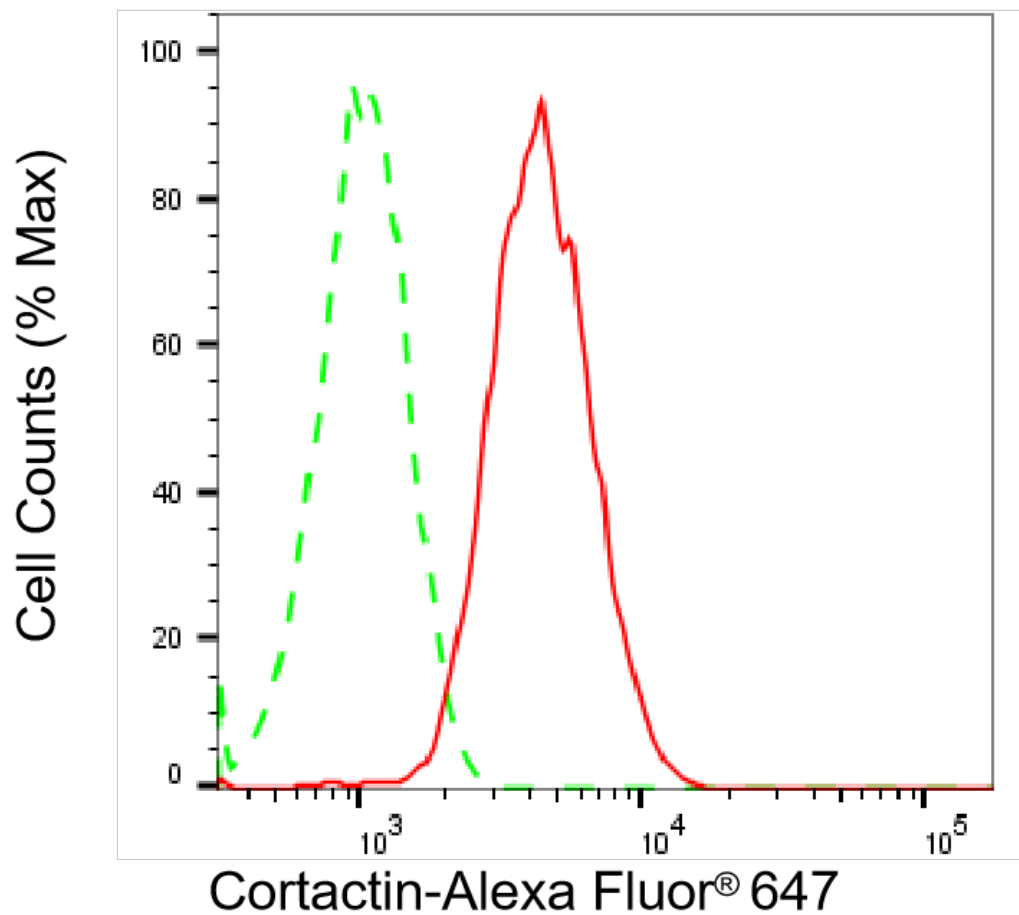
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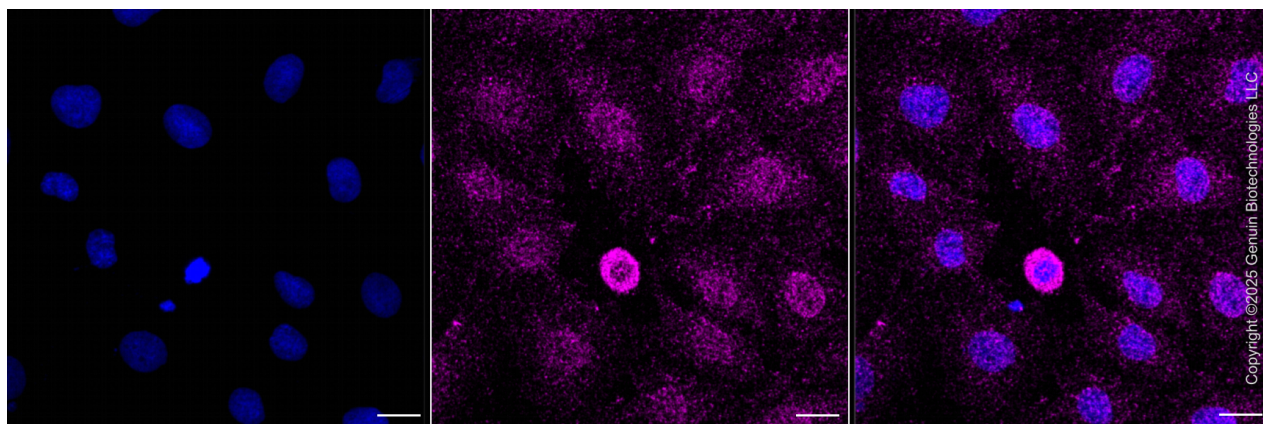
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Validation Data



Flow cytometric analysis of Cortactin expression in H9c2 cells using anti-Cortactin antibody (Cat#5472, 1:2,000). Green, isotype control; red, Cortactin.



Immunocytochemical staining of H9C2 cells with anti-Cortactin antibody (Cat#5472, 1:1,000) . Nuclei were stained blue with DAPI; Cortactin was stained magenta with Alexa Fluor® 647.

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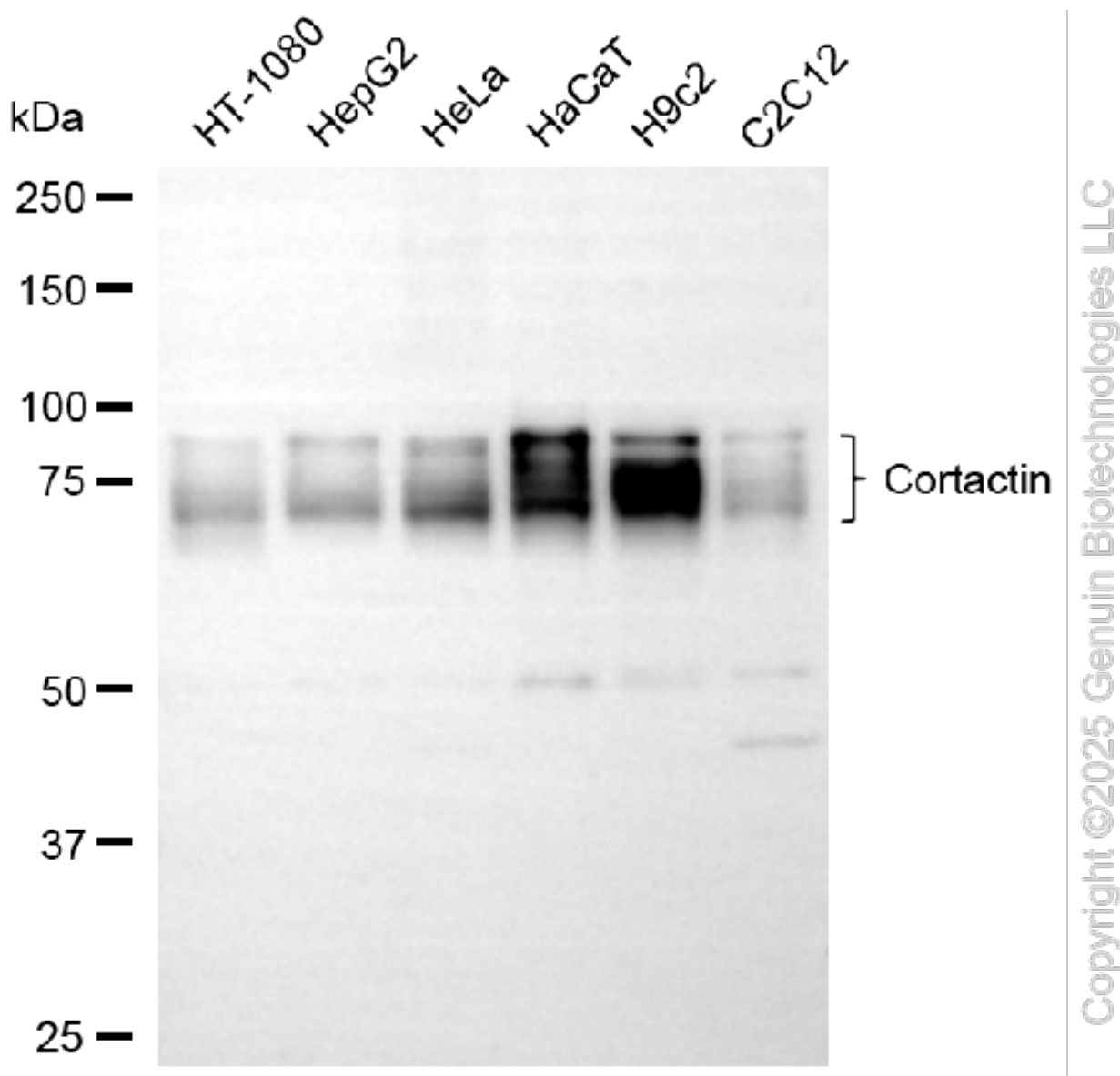
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Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-cortactin antibody (Cat#5472). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cortactin antibody (Cat#5472, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).

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