

Anti-EMC4 Recombinant Rabbit Monoclonal Antibody



Catalog #: 1960

Aliases

EMC4; ER Membrane Protein Complex Subunit 4; Transmembrane Protein 85; TMEM85; PIG17; Cell Proliferation-Inducing Gene 17 Protein; FLJ90746; MGC24415

Background

Gene Name: EMC4

NCBI Gene Entry: [51234](#)

UniProt Entry: [Q5J8M3](#)

Application Information

Molecular Weight: Predicted, 20 kDa; observed, 18 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB5315

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human EMC4

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

Immunocytochemistry (IC): 1:100-1:1,000

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

Validation Data

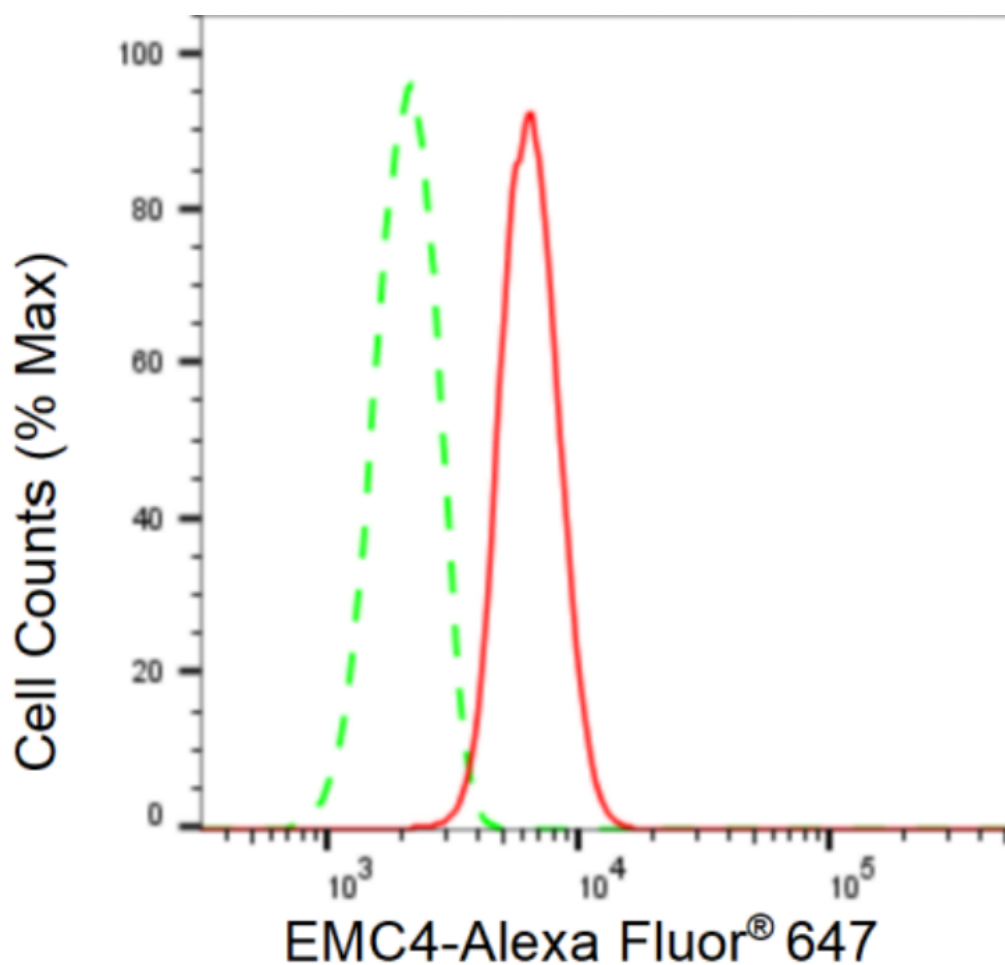
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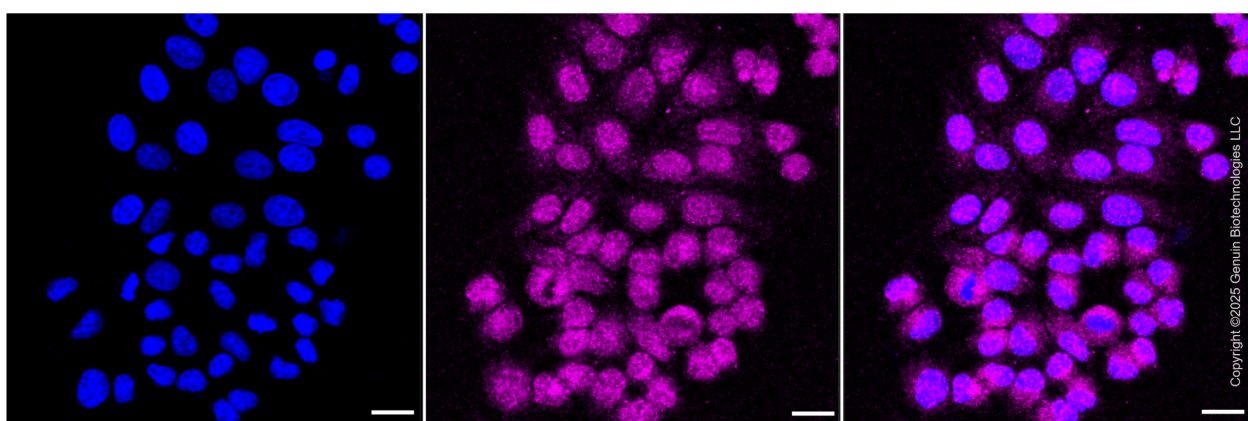
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Flow cytometric analysis of EMC4 expression in HepG2 cells using EMC4 antibody (Cat#1960, 1:2,000). Green, isotype control; red, EMC4.



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Immunocytochemical staining of HepG2 cells with anti-EMC4 antibody (Cat#1960, 1:1,000). Nuclei were stained blue with DAPI; EMC4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μm.

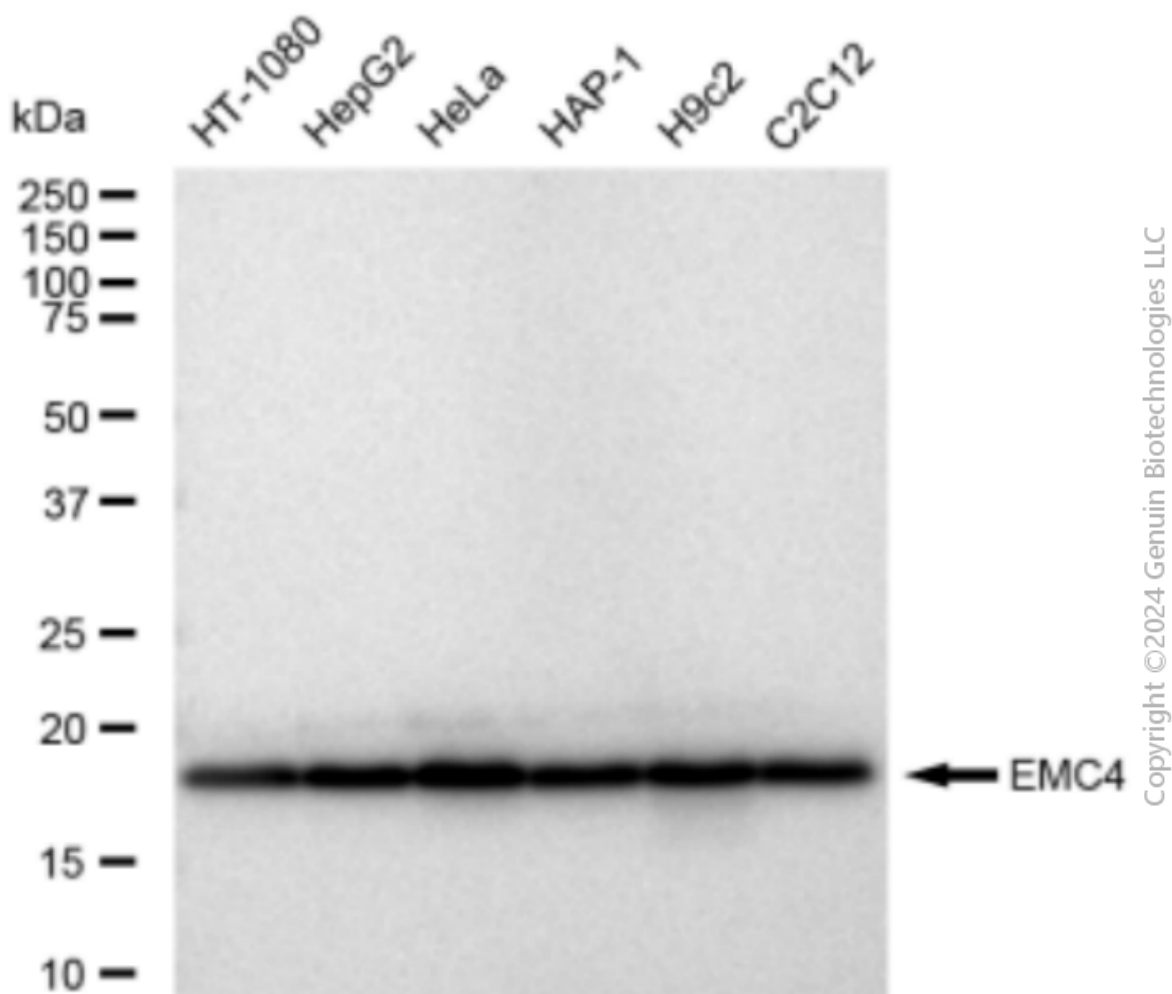
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Western blotting analysis using anti-EMC4 antibody (Cat#1960). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EMC4 antibody (Cat#1960, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).