

Anti-CD86 Recombinant Rabbit Monoclonal Antibody



Catalog #: 1355

Aliases

CD86; CD86 Molecule; CD28LG2; B7.2; B7-2; CD86 Antigen (CD28 Antigen Ligand 2, B7-2 Antigen); T-Lymphocyte Activation Antigen CD86; CTLA-4 Counter-Receptor B7.2; FUN-1; BU63; B70; B-Lymphocyte Activation Antigen B7-2; B-Lymphocyte Antigen B7-2; Activation B7-2 Antigen; CD86 Antigen; LAB72

Background

Gene Name: CD86

NCBI Gene Entry: [942](#)

UniProt Entry: [P42081](#)

Application Information

Molecular Weight: Predicted, 38 kDa; observed, 60-85 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB3385

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human CD86

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

Immunohistochemistry (IHC): 1:100-1:200

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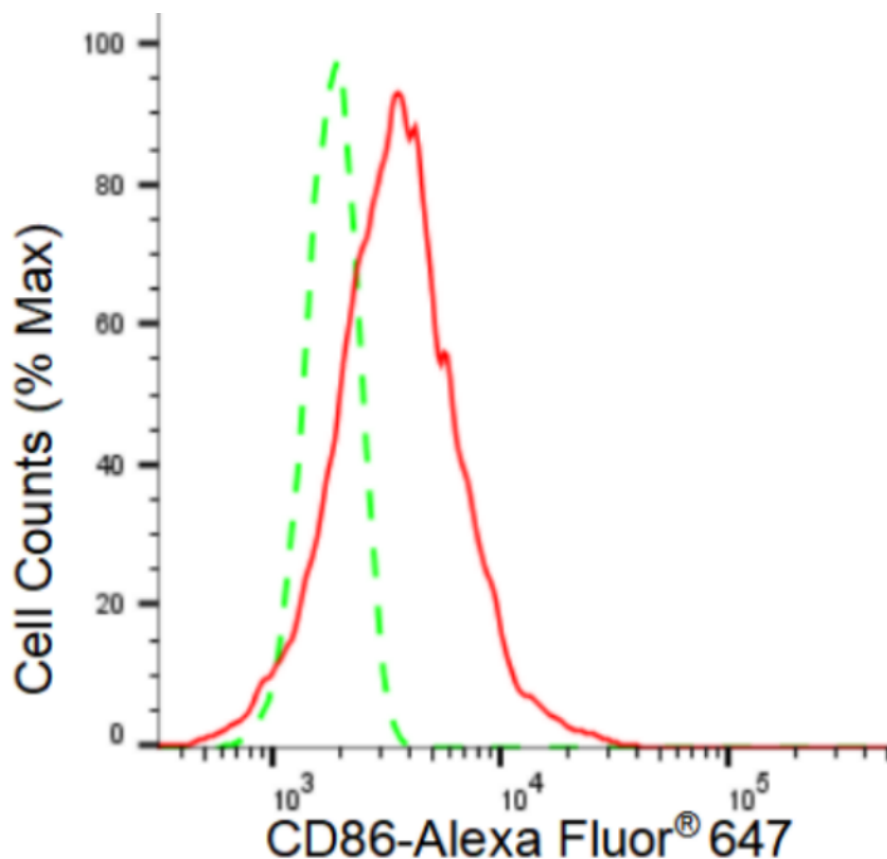
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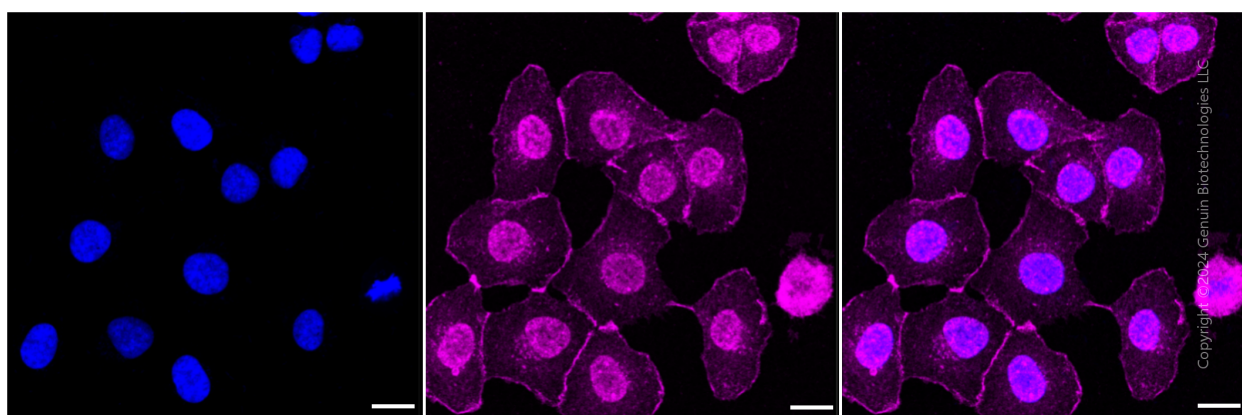
Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of CD86 expression in HT-1080 cells using CD86 antibody (Cat#1355, 1:2,000). Green, isotype control; red, CD86.



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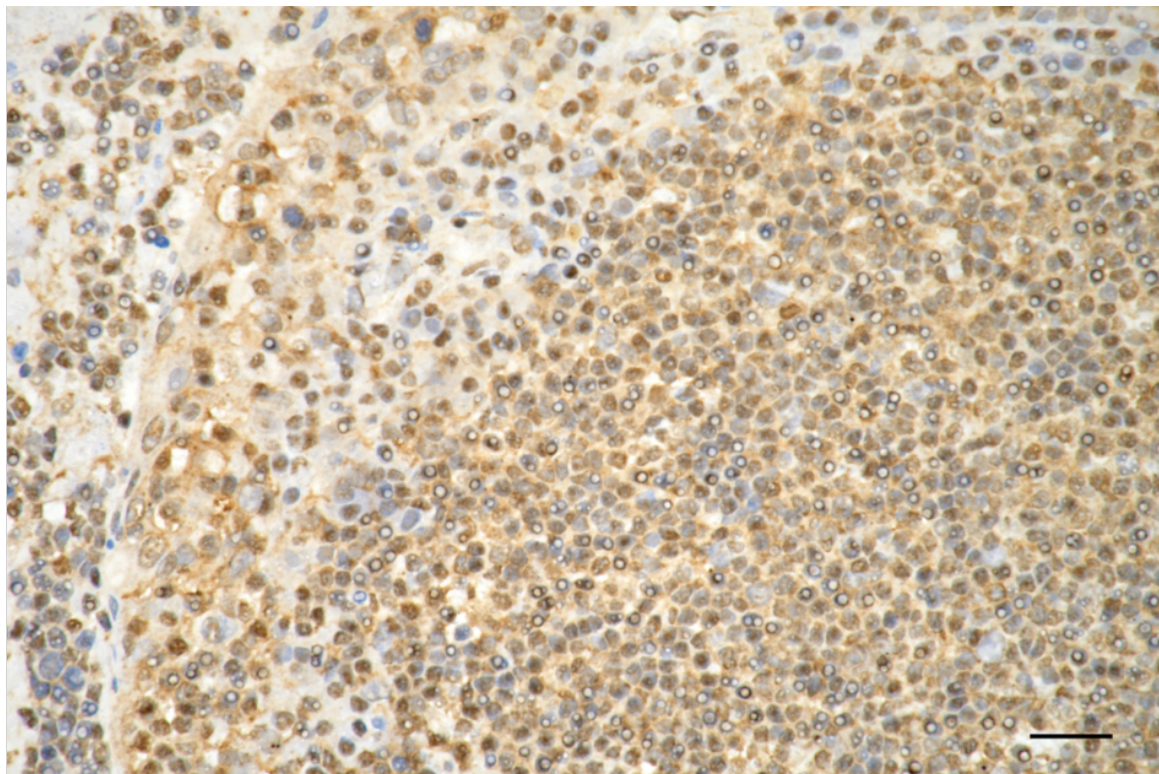
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Scale bar: 20 μ m.



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Immunohistochemistry was performed on paraffin-embedded human tonsillitis using anti-CD86 antibody (Cat#1355, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40 \times objective). Scale bar: 25 μ m.

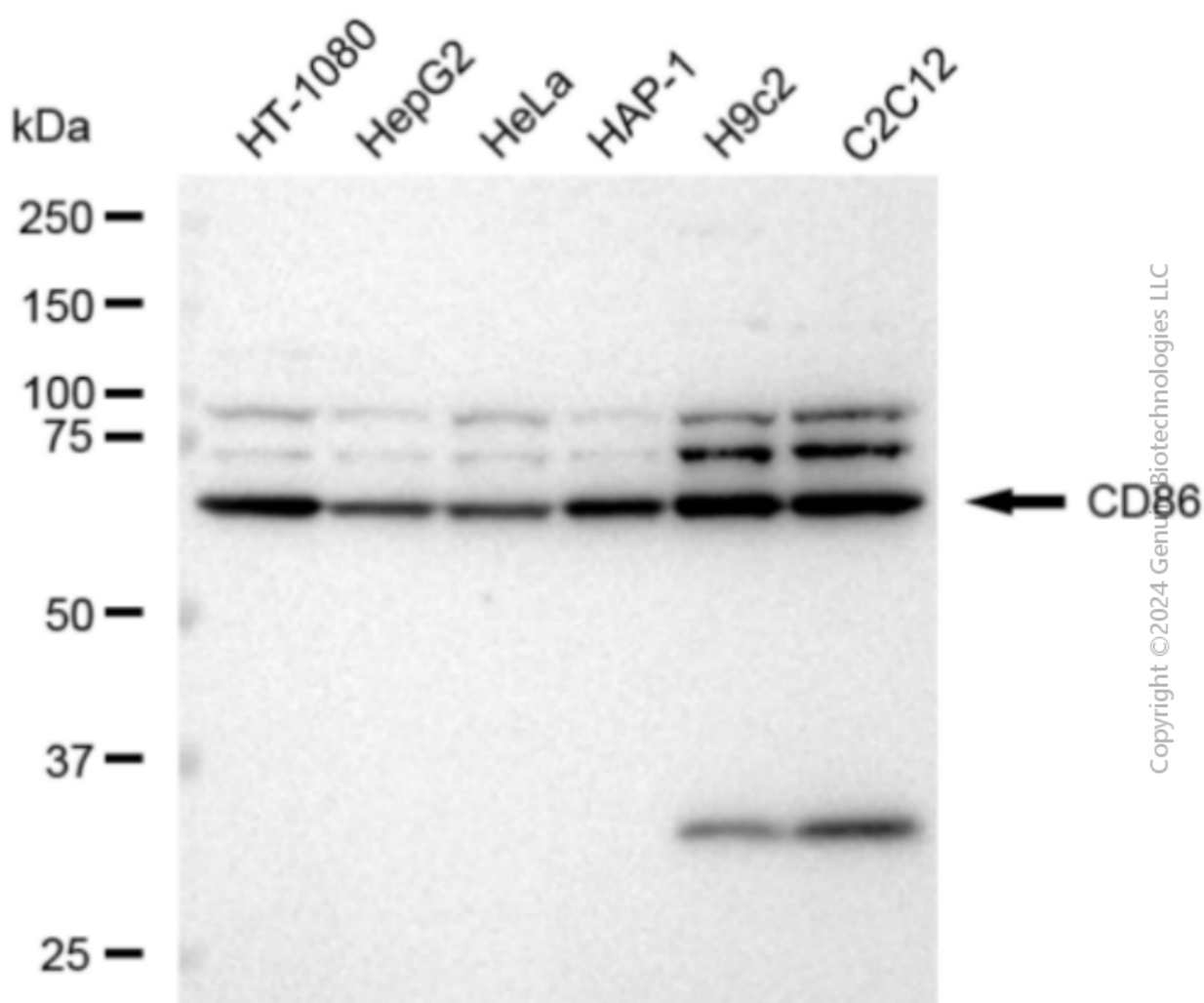
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Western blotting analysis using anti-CD86 antibody (Cat#1355). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD86 antibody (Cat#1355, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).