

# Anti-CD86 Molecule Rabbit Monoclonal Antibody



**Catalog #: 3260**

## 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: 24GB4755

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

Flow Cytometry (FCM): 1:2,000

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

Immunohistochemistry (IHC): 1:50-1:100

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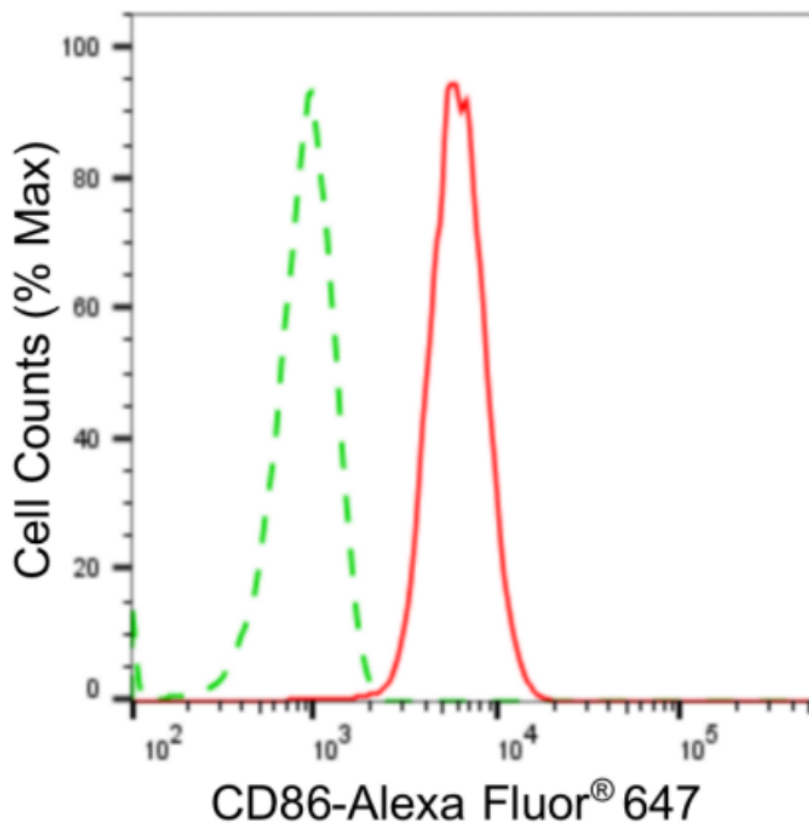
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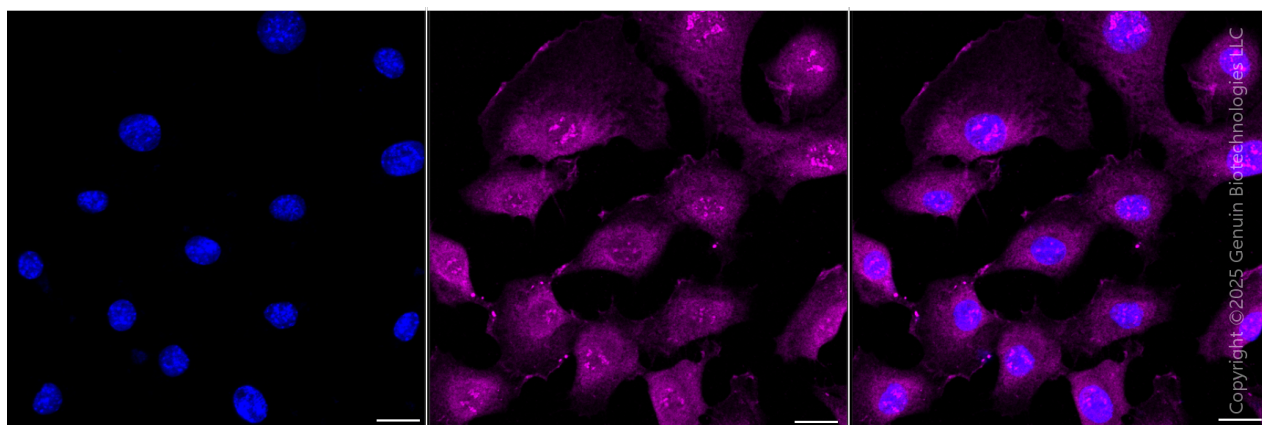
**Note:** This product is for research use only.

## Validation Data



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Flow cytometric analysis of CD86 expression in C2C12 cells using anti-CD86 antibody (Cat#3260, 1:2,000). Green, isotype control; red, CD86.



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Immunocytochemical staining of C2C12 cells with anti-CD86 antibody (Cat#3260, 1:1,000). Nuclei were stained blue with DAPI; CD86 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain: High. Scale bar, 20  $\mu$ m.

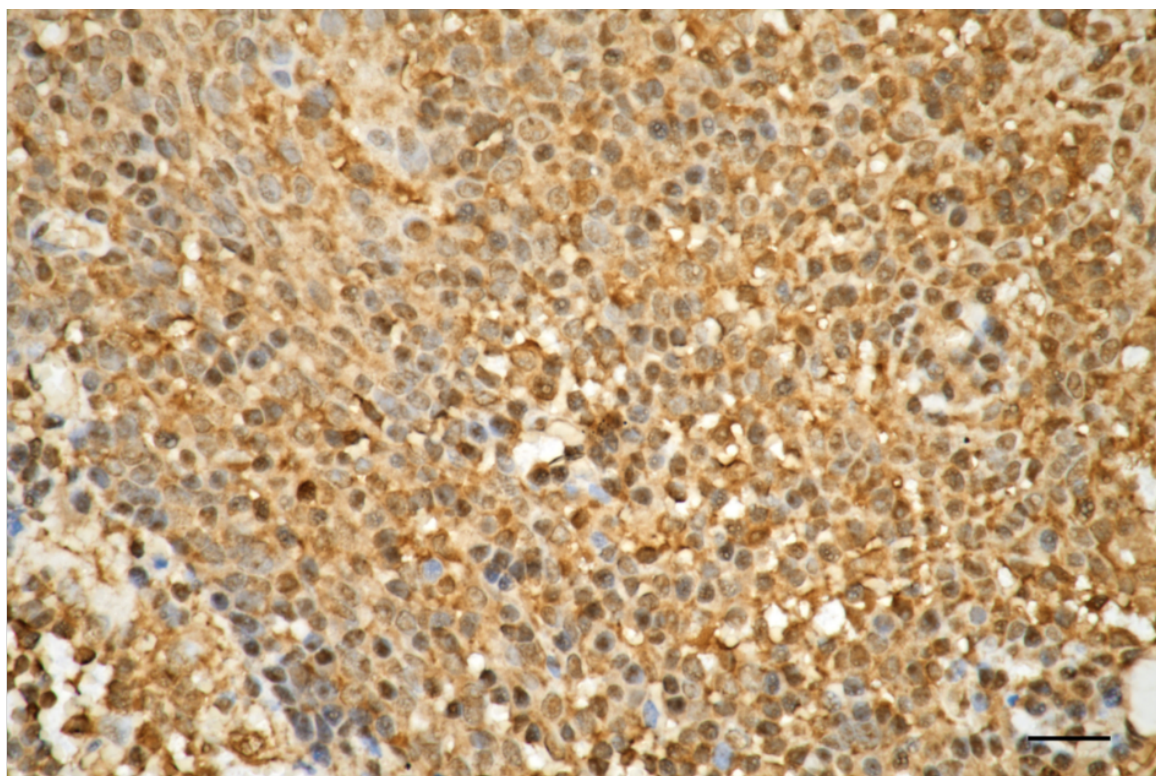
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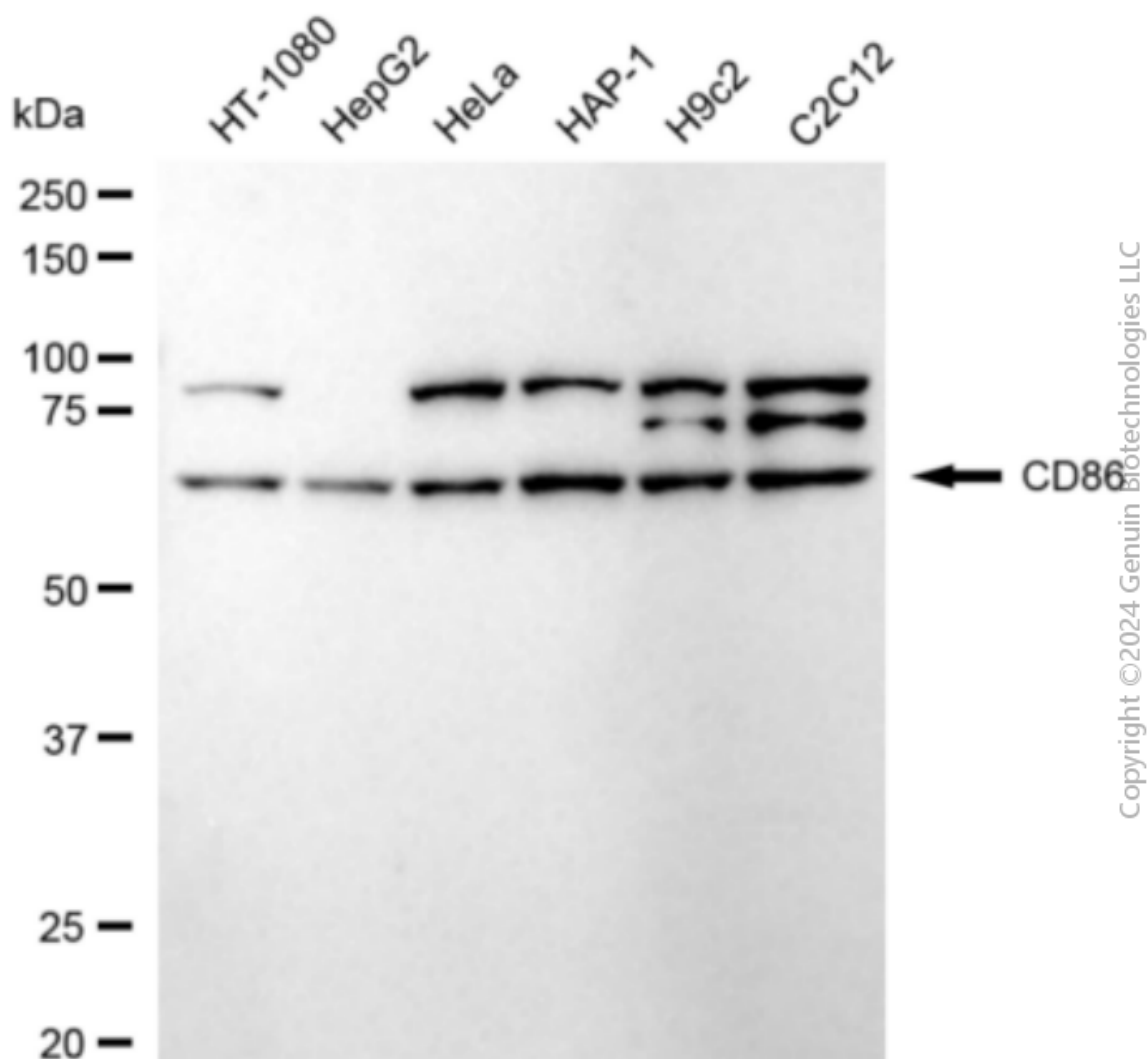
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Immunohistochemistry was performed on paraffin-embedded human tonsillitis using anti-CD86 antibody (Cat#3260, 1:100). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25  $\mu$ m.



Western blotting analysis using anti-CD86 antibody (Cat#3260). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD86 antibody (Cat#3260, 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).