

# Anti-5'-Nucleotidase Ecto Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2339**

## Aliases

5'-Nucleotidase Ecto; CALJA; CD73; ENT; NT5; EN; IMP-Specific 5'-Nucleotidase; Thymidylate 5'-Phosphatase; 5'-Deoxynucleotidase; Ecto-5'-Nucleotidase; 5'-Nucleotidase; EC 3.1.3.5; 5'-NT; NTE; 5'-Nucleotidase, Ecto (CD73); Purine 5-Prime-Nucleotidase; 5' Nucleotidase (CD73); CD73 Antigen; EC 3.1.3.35; EC 3.1.3.89; EC 3.1.3.91; EC 3.1.3.99; E5NT; NT

## Background

Gene Name: NT5E

NCBI Gene Entry: [4907](#)

UniProt Entry: [P21589](#)

## Application Information

Molecular Weight: Predicted, 63 kDa; observed, 70 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB375

Species Reactivity: Human

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

## Immunogen

A synthesized peptide derived from human CD73

## 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

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### SUPPORT

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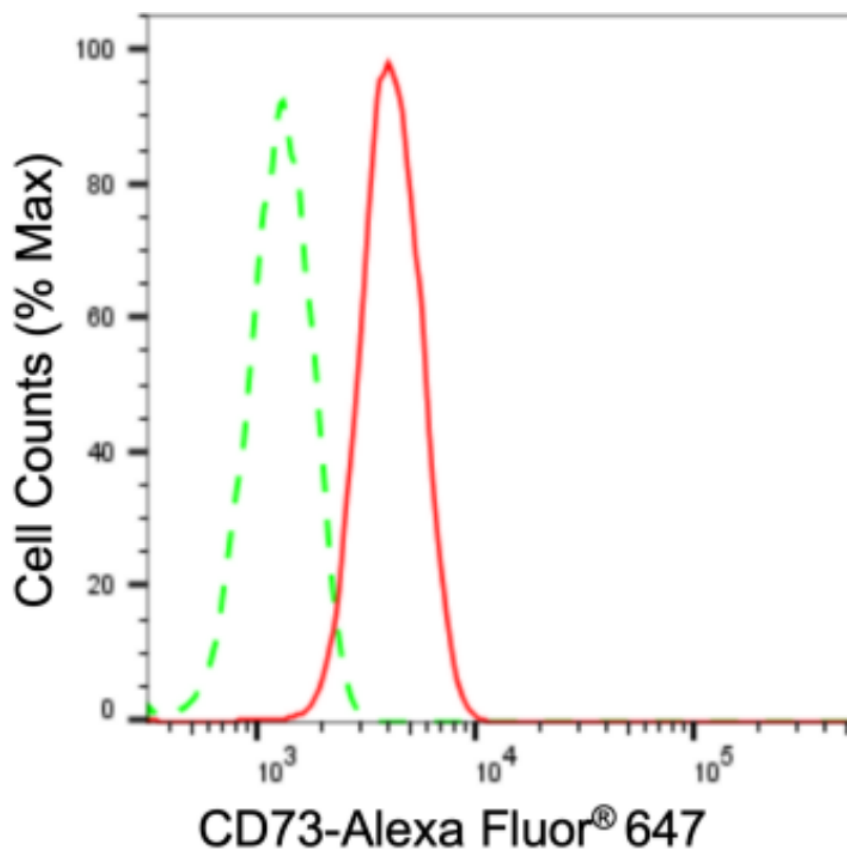
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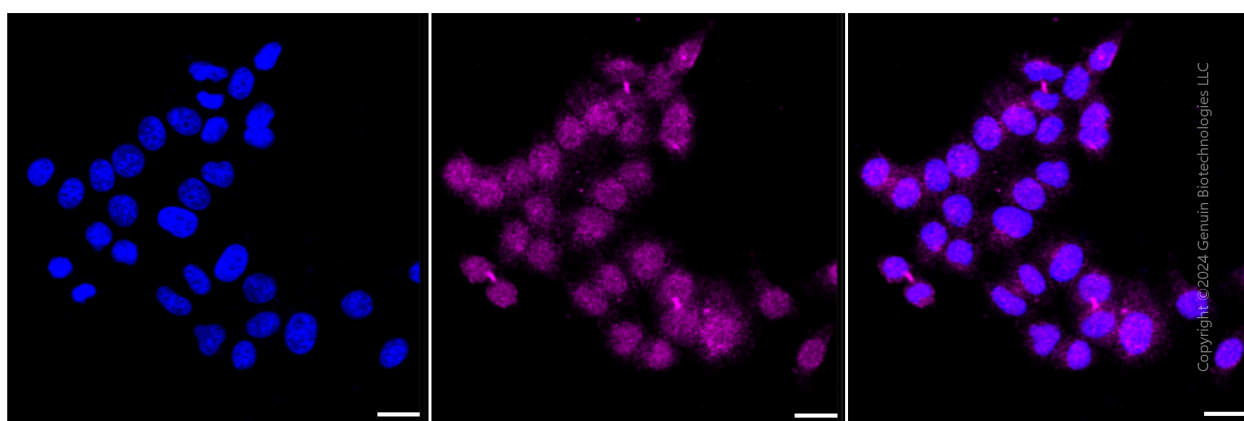
**Note:** This product is for research use only.

## Validation Data



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Flow cytometric analysis of CD73 expression in HepG2 cells using anti-CD73 antibody (Cat#2339, 1:2,000). Green, isotype control; red, CD73.



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Immunocytochemical staining of HepG2 cells with anti-CD73 antibody (Cat#2339, 1:1,000). Nuclei were stained blue with DAPI; CD73 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.

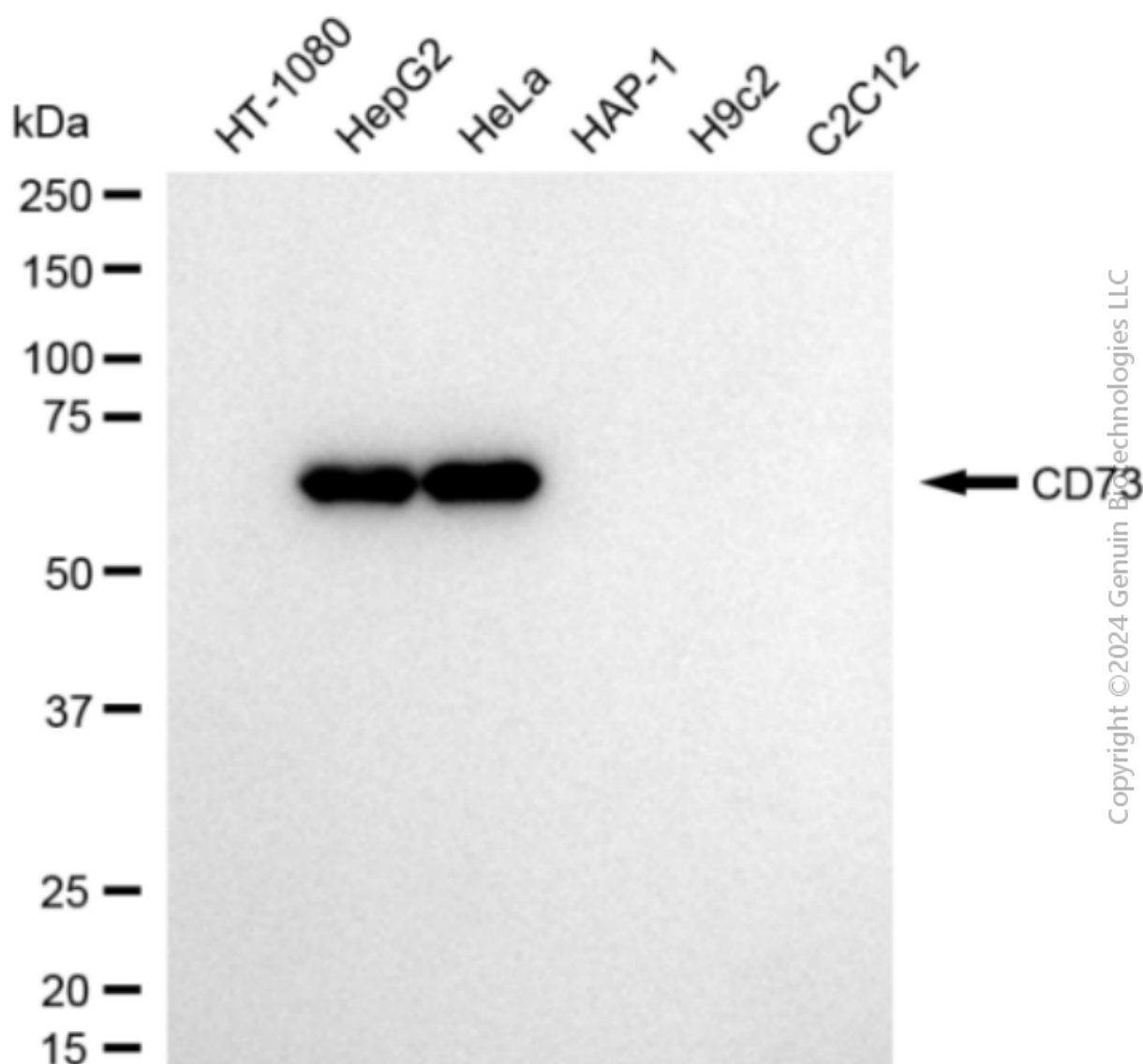
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Western blotting analysis using anti-CD73 antibody (Cat#2339). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD73 antibody (Cat#2339, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).