

**Catalog #: 5838**

## Aliases

NT5DC1; 5'-Nucleotidase Domain Containing 1; NT5C2L1; 5'-Nucleotidase Domain-Containing Protein 1; DJ486I3.1; MGC24302; 5'-Nucleotidase, Cytosolic II-Like 1 Protein; 5'-Nucleotidase, Cytosolic II-Like 1; EC 3.1.3.-; C6orf200; LP2642

## Background

Gene Name: NT5DC1

NCBI Gene Entry: [221294](#)

UniProt Entry: [Q5TFE4](#)

## Application Information

Molecular Weight: Predicted, 52 kDa, observed, 46 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5115

Species Reactivity: Human

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

## Immunogen

Recombinant protein of human NT5DC1

## Isotype

Mouse IgG1

## 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): 1:500-1:2,500

Flow Cytometry (FCM): 1:2,000

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

## Validation Data

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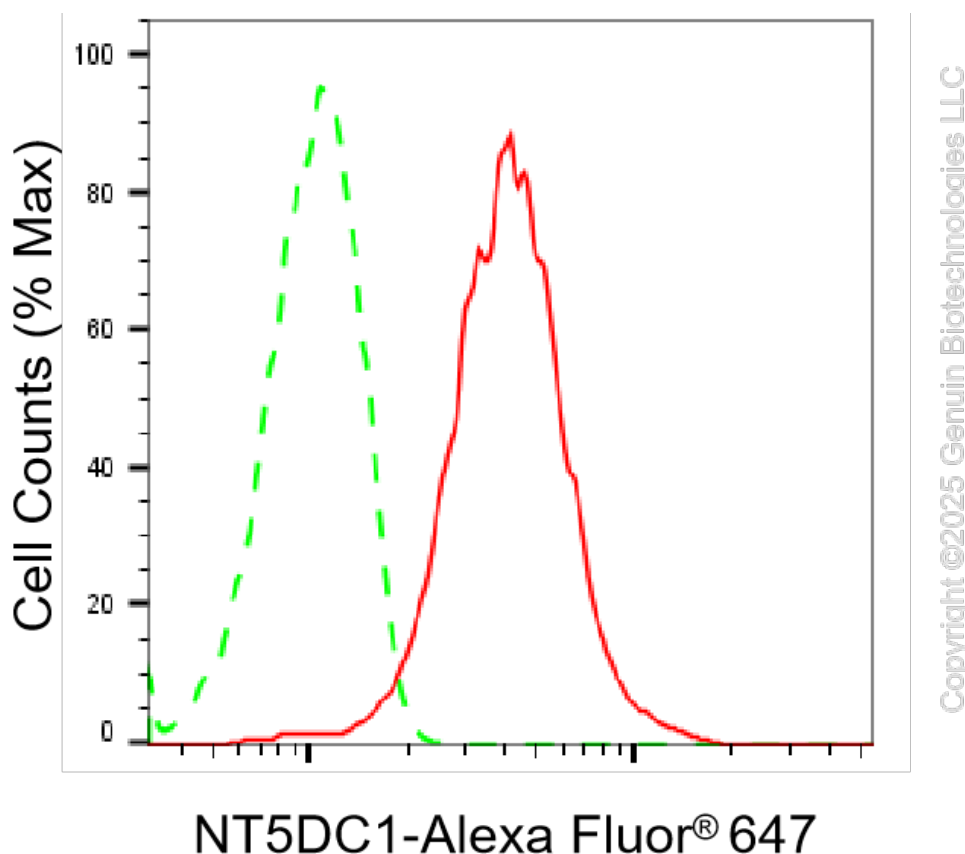
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Flow cytometric analysis of NT5DC1 expression in HepG2 cells using anti-NT5DC1 antibody (Cat#5838, 1:2,000). Green, isotype control; red, NT5DC1.

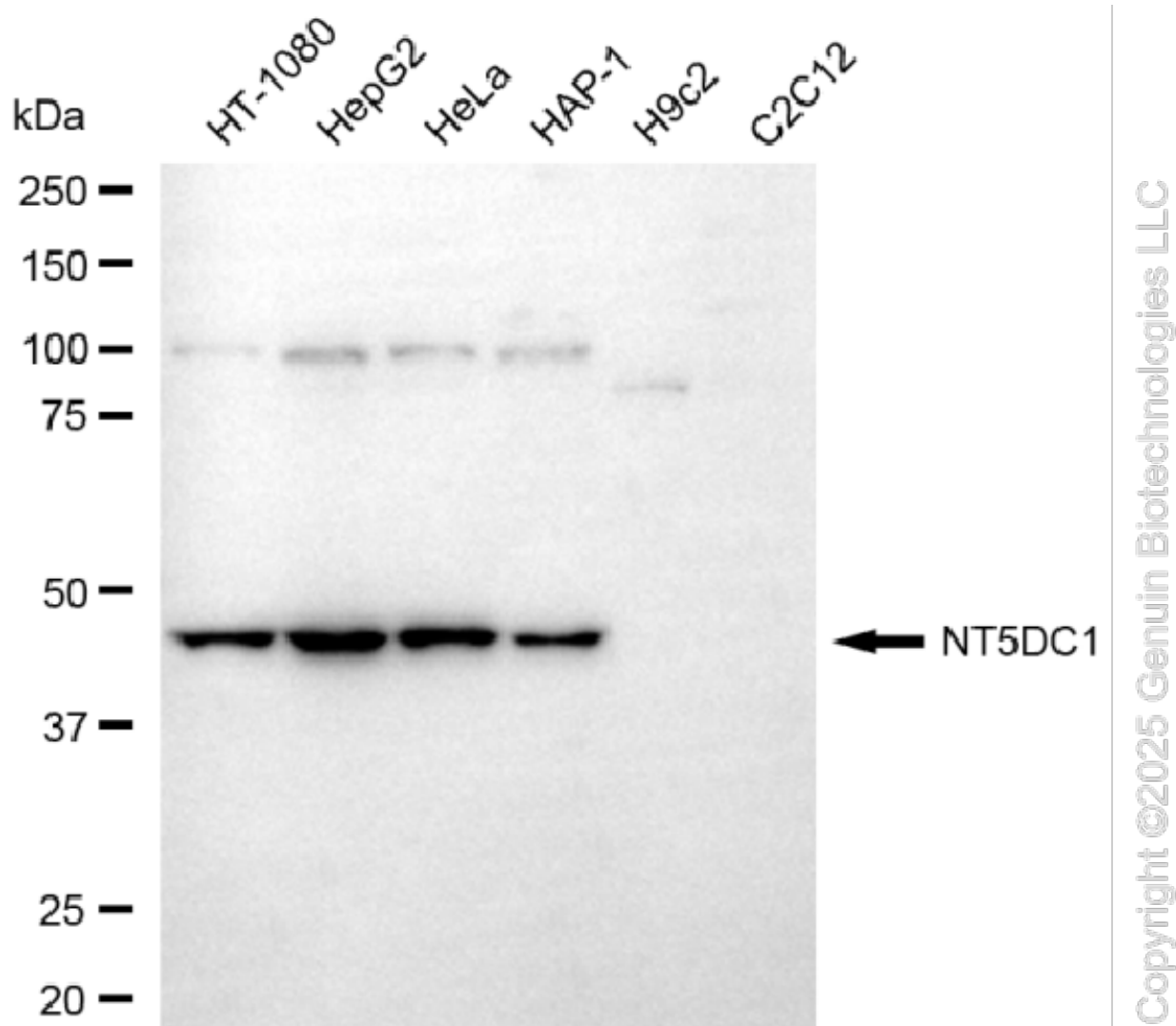
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Western blotting analysis using anti-NT5DC1 antibody (Cat#5838). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NT5DC1 antibody (Cat#5838, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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