Anti-HTR2C Recombinant Rabbit Monoclonal Antibody

GenuIN BIOTECH
REAL MATTERS

Catalog #: 5549

Aliases

HTR2C; 5-Hydroxytryptamine Receptor 2C; 5-HT2C; 5HTR2C; HTR1C; 5-Hydroxytryptamine (Serotonin) Receptor 2C, G Protein-Coupled; 5-Hydroxytryptamine Receptor 1C; 5-HTR2C; 5-HT1C; 5-Hydroxytryptamine (Serotonin) Receptor 2C; Serotonin 5-HT-1C Receptor; Serotonin 5-HT-2C Receptor; Serotonin Receptor 2C; 5-HT-2C; 5-HT-1C

Background

Gene Name: HTR2C
NCBI Gene Entry: 3358
UniProt Entry: P28335

Application Information

Molecular Weight: Predicted, 52 kDa; observed, 65 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 25GB2025
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human 5 HT2C

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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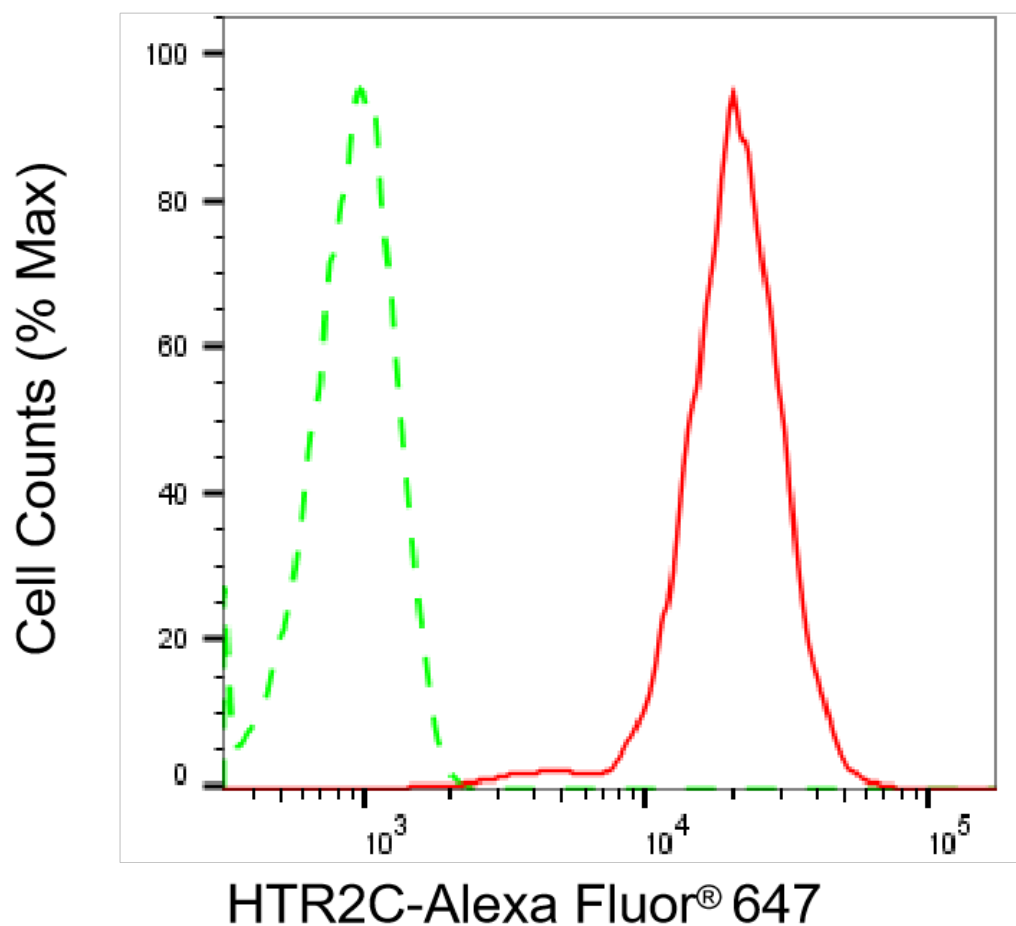
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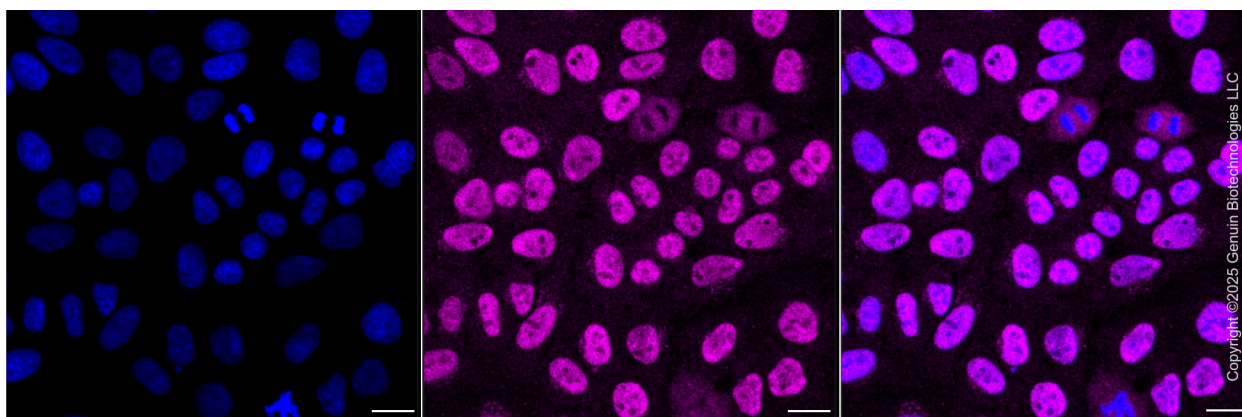
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of HTR2C expression in HepG2 cells using anti-HTR2C antibody (Cat#5549, 1:2,000). Green, isotype control; red, HTR2C.

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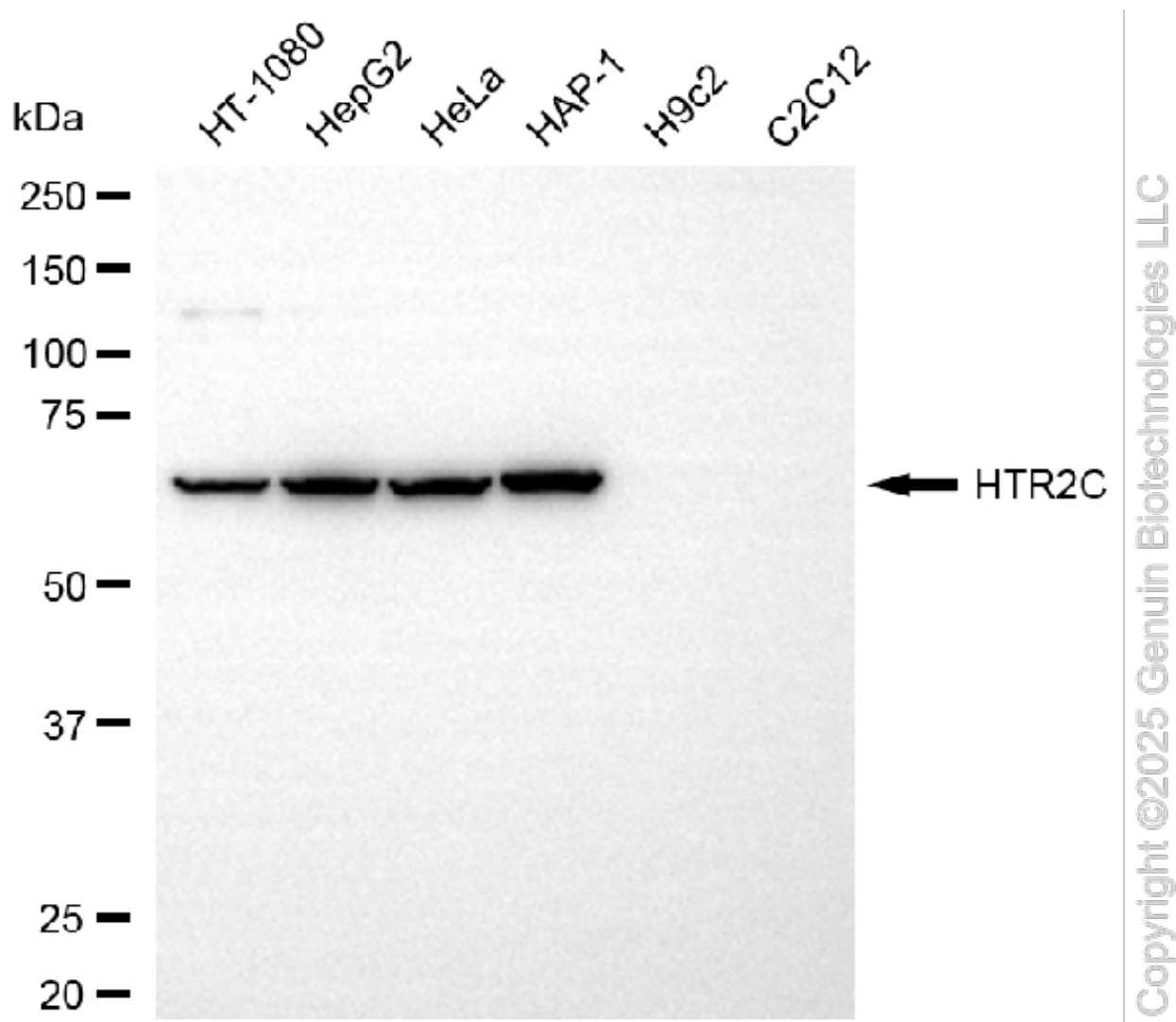
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Immunocytochemical staining of HepG2 cells with anti-HTR2C antibody (Cat#5549, 1:1,000) . Nuclei were stained blue with DAPI; HTR2C was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μm.

Western blotting analysis using anti-HTR2C antibody (Cat#5549). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HTR2C antibody (Cat#5549, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).