Anti-beta I Tubulin Recombinant Rabbit Monoclonal Antibody

Catalog #: 3789

Aliases

TUBB1; Tubulin Beta 1 Class VI; Tubulin Beta-1 Chain; Tubulin, Beta 1; DJ543J19.4; Class VI Beta-Tubulin; MACTHC1

Background

Gene Name: TUBB1
NCBI Gene Entry: 81027
UniProt Entry: Q9H4B7

Application Information

Molecular Weight: Predicted, 50 kDa; observed, 50 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB7880
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human beta I Tubulin

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.

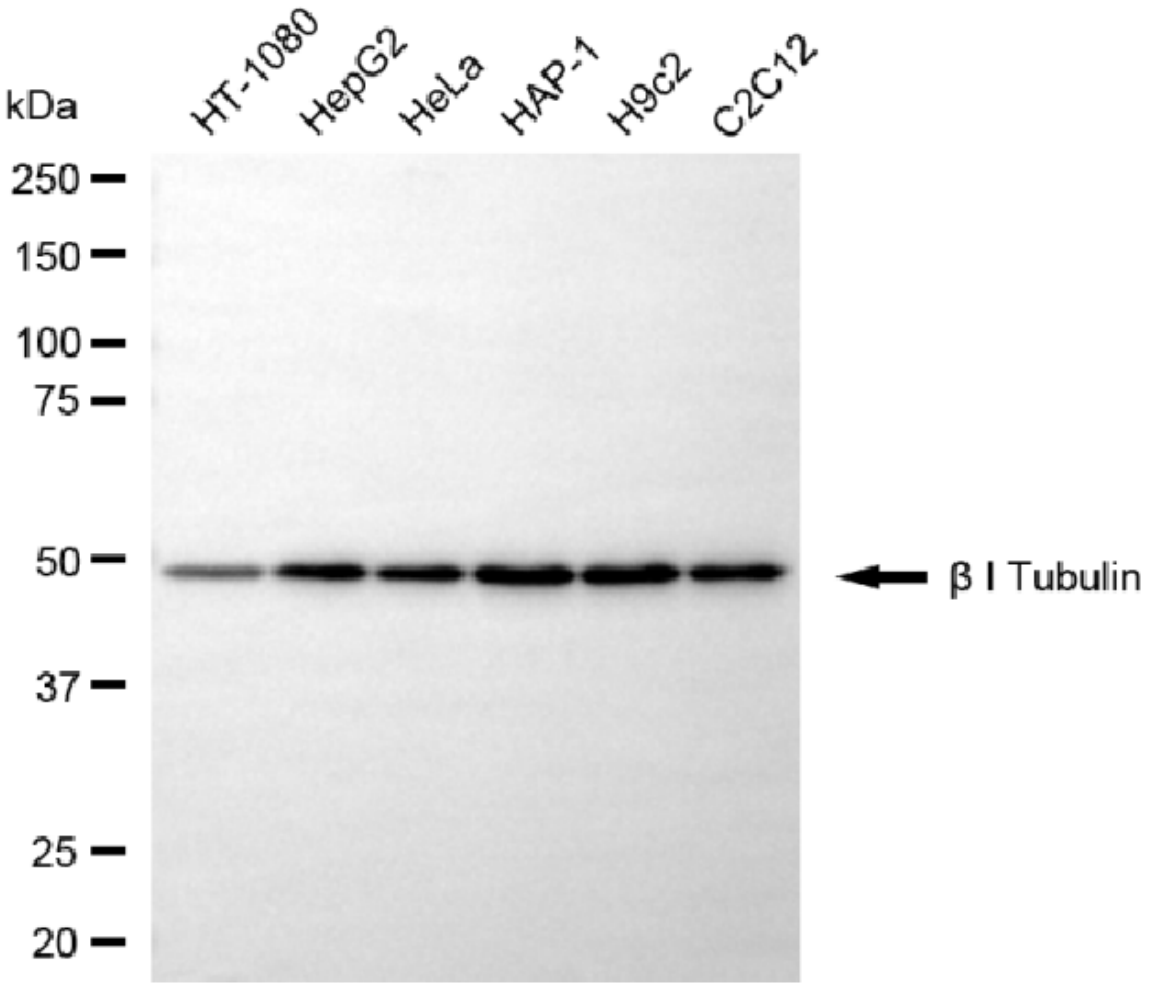
Recommended Dilutions

Western Blotting (WB): 1:2,000-1:10,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

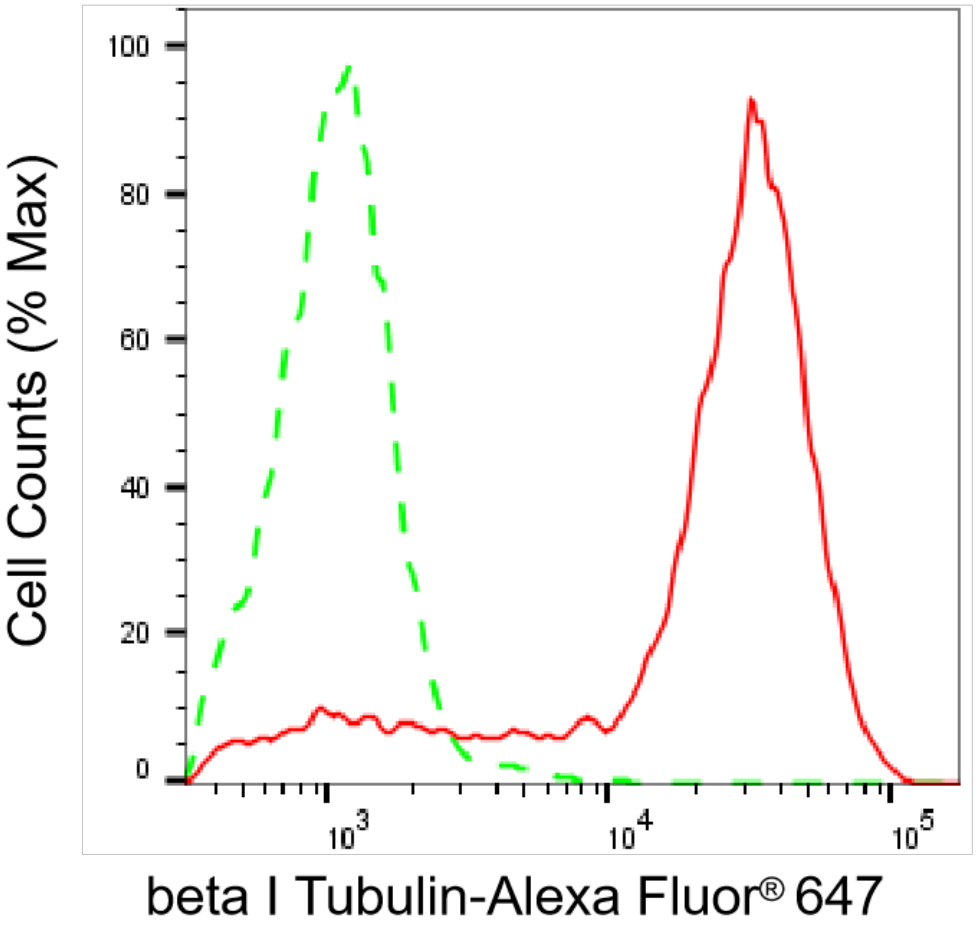
Note: This product is for research use only.

Validation Data

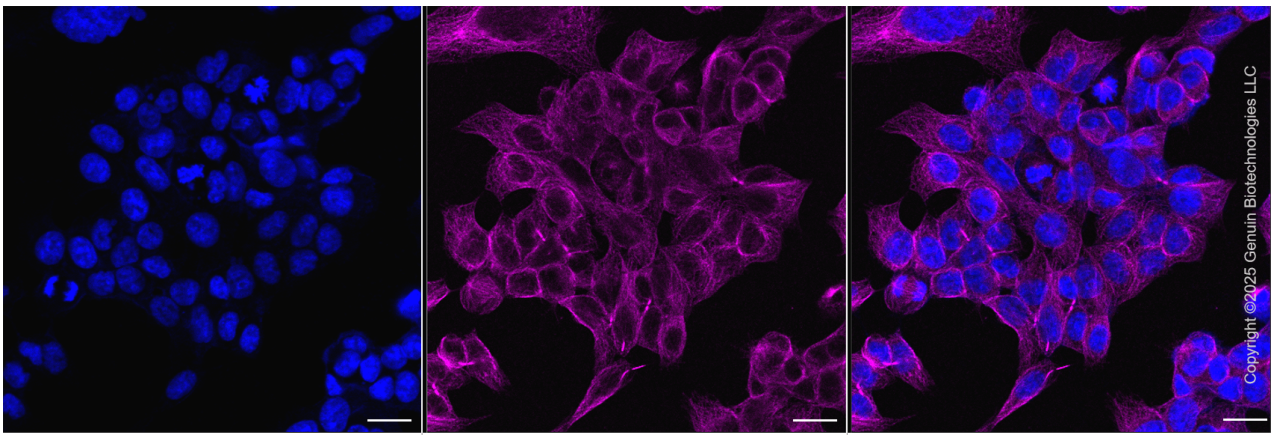
Anti-beta I Tubulin Recombinant Rabbit Monoclonal Antibody



Western blotting analysis using anti-beta I Tubulin antibody (Cat#3789). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-beta I Tubulin antibody (Cat#3789, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Flow cytometric analysis of beta I Tubulin expression in HAP-1 cells using anti-beta I Tubulin antibody (Cat#3789, 1:2,000). Green, isotype control; red, beta I Tubulin.



Immunocytochemical staining of HepG2 cells with anti-Beta I Tubulin protein antibody (Cat#3789, 1:1,000). Nuclei were stained blue with DAPI; Beta I Tubulin 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 µm. Permeabilization: Methanol.