Anti-Tubulin Beta 3 Class III Recombinant Rabbit Monoclonal Antibody

Catalog #: 3900

Aliases

TUBB3; Tubulin Beta 3 Class III; CFEOM3A; Beta-4; CFEOM3; Class III Beta-Tubulin; Tubulin Beta-3 Chain; Tubulin Beta-4 Chain; Tubulin Beta-III; Tubulin, Beta 3; FEOM3; TUBB4; Fibrosis Of Extraocular Muscles, Congenital, 3; CDCBM1; CDCBM

Background

Gene Name: TUBB3
NCBI Gene Entry: 10381
UniProt Entry: Q13509

Application Information

Molecular Weight: Predicted, 50 kDa; observed, 55 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB8640
Species Reactivity: Human, mouse
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human beta Tubulin III

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.

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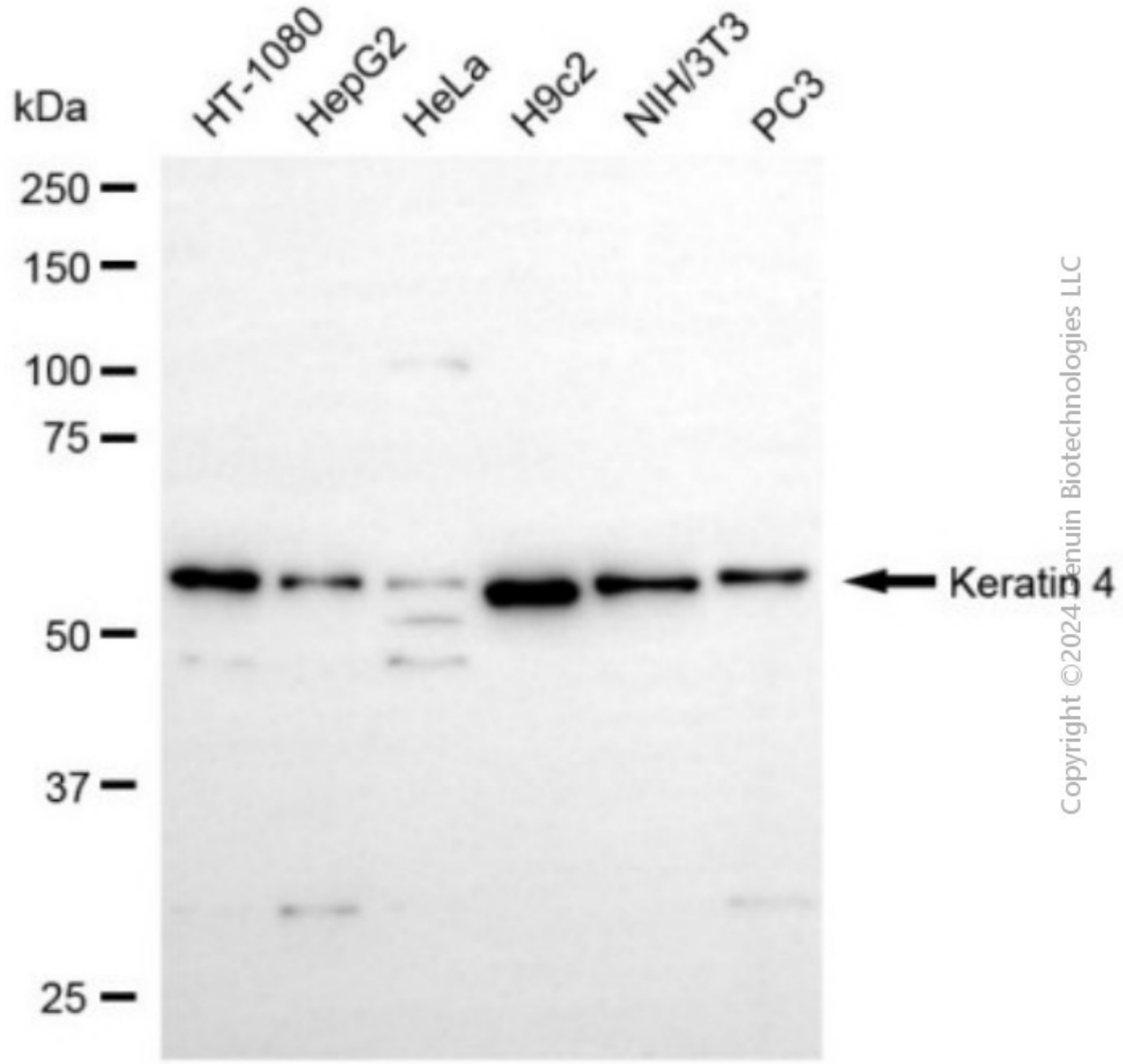
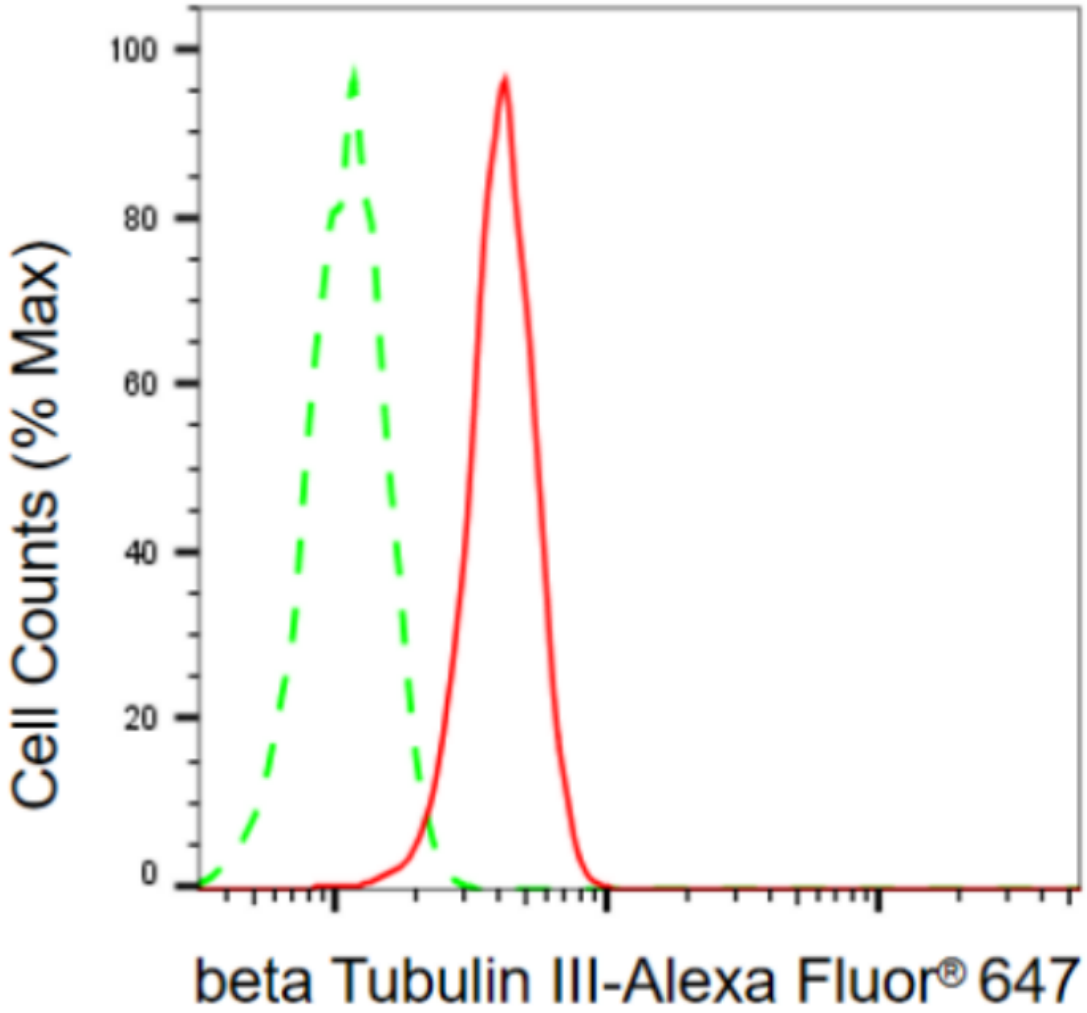
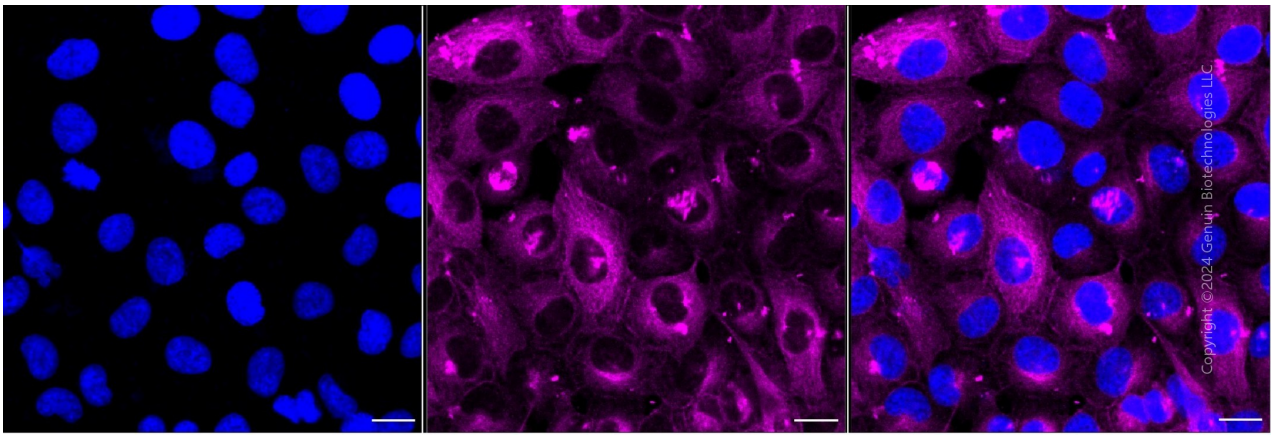
Validation Data



Western blotting analysis using anti-beta Tubulin III antibody (Cat#3900). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-beta Tubulin III antibody (Cat#3900, 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 Tubulin III expression in HT-1080 cells using anti-beta Tubulin III antibody (Cat#3900, 1:2,000). Green, isotype control; red, beta Tubulin III.



Immunocytochemical staining of HT-1080 cells with anti-beta Tubulin III antibody (Cat#3900, 1:1,000). Nuclei were stained blue with DAPI; beta Tubulin III 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.