Anti-NFATC1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 2340

Aliases

Nuclear Factor Of Activated T Cells 1; NFATc; NFAT2; NF-ATC; Nuclear Factor Of Activated T-Cells, Cytoplasmic, Calcineurin-Dependent 1; Nuclear Factor Of Activated T-Cells, Cytoplasmic 1; NFAT Transcription Complex Cytosolic Component; Nuclear Factor Of Activated T-Cells 'C'; Nuclear Factor Of Activated T-Cells 1; NF-ATc1.2; NF-ATc1; NF-ATc1; NF-ATc; NFATC

Background

Gene Name: NFATC1 NCBI Gene Entry: 4772 UniProt Entry: 095644

Application Information

Molecular Weight: Predicted, 101 kDa; observed, 101 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB380

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human NFAT2

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

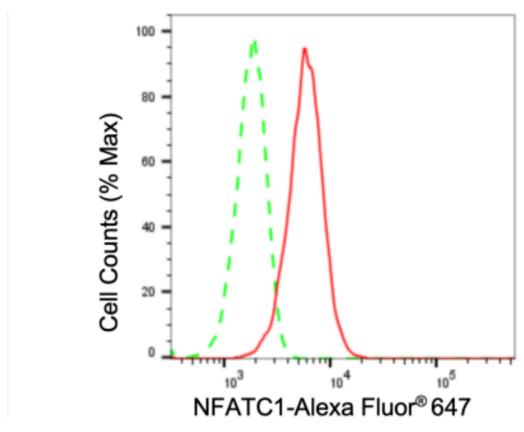
Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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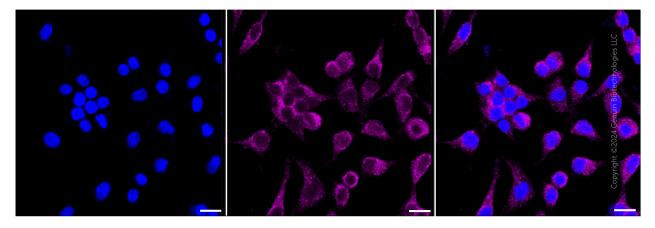
Note: This product is for research use only.

Validation Data



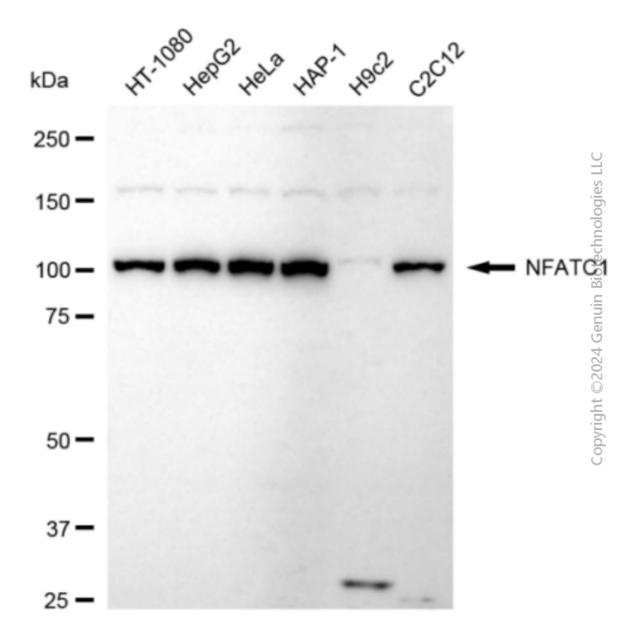
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Flow cytometric analysis of NFATC1 expression in HeLa cells using NFATC1 antibody (Cat#2340, 1:2,000). Green, isotype control; red, NFATC1.



Immunocytochemical staining of HeLa cells with anti-NFATC1 antibody (Cat#2340, 1:1,000). Nuclei were stained blue with DAPI; NFATC1 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-NFATC1 antibody (Cat#2340). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NFATC1 antibody (Cat#2340, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).