

Anti-FHIT Recombinant Rabbit Monoclonal Antibody



Catalog #: 1983

Aliases

FHIT; Fragile Histidine Triad Diadenosine Triphosphatase; Bis(5'-Adenosyl)-Triphosphatase; AP3Aase; FRA3B; Diadenosine 5',5'''-P1,P3-Triphosphate Hydrolase; Adenylylsulfate-Ammonia Adenylyltransferase; Adenosine 5'-Monophosphoramidase FHIT; Dinucleosidetriphosphatase; Adenylylsulfatase; AP3A Hydrolase; Fragile Histidine Triad Protein; Fragile Histidine Triad Gene; Fragile Histidine Triad; EC 3.6.1.29; EC 2.7.7.51; EC 3.9.1.-; EC 3.6.2.1; AP3AASE

Background

Gene Name: FHIT

NCBI Gene Entry: [2272](#)

UniProt Entry: [P49789](#)

Application Information

Molecular Weight: Predicted, 17 kDa; observed, 17 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB5415

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human FHIT

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

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

Flow Cytometry (FCM): 1:2,000

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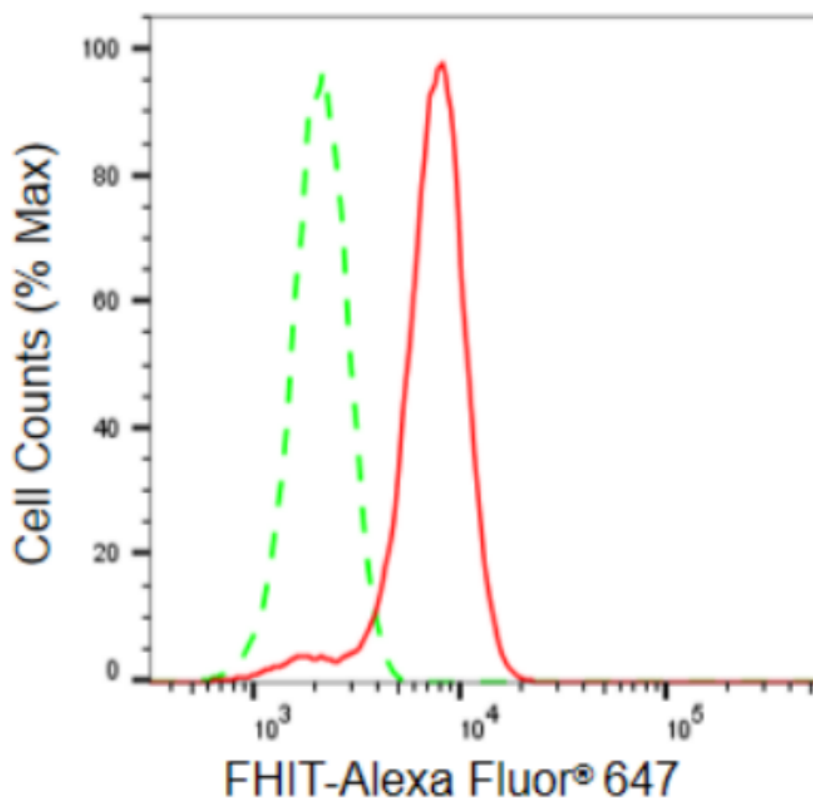
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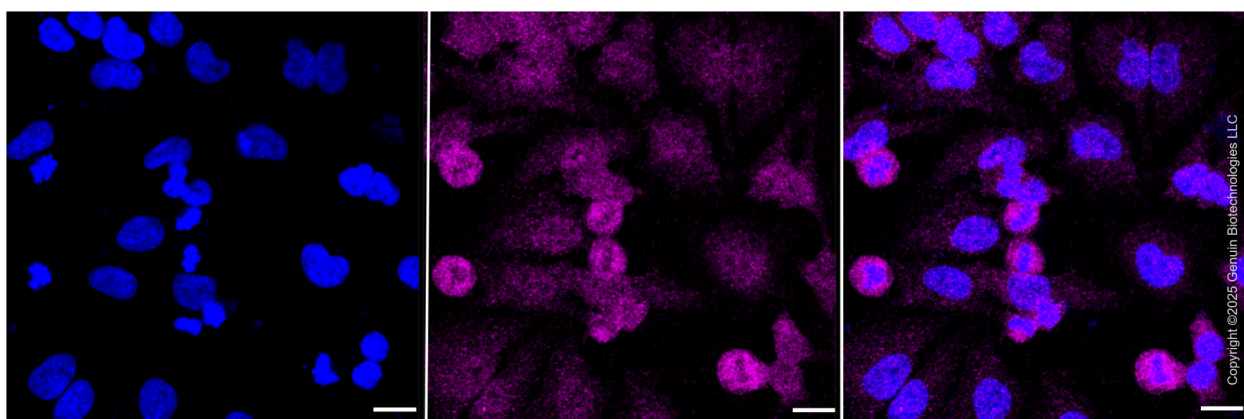
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Validation Data



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Flow cytometric analysis of FHIT expression in HeLa cells using FHIT antibody (Cat#1983, 1:2,000). Green, isotype control; red, FHIT.



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Immunocytochemical staining of HeLa cells with anti-FHIT antibody (Cat #1983, 1:1,000). Nuclei were stained blue with DAPI; FHIT was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low.

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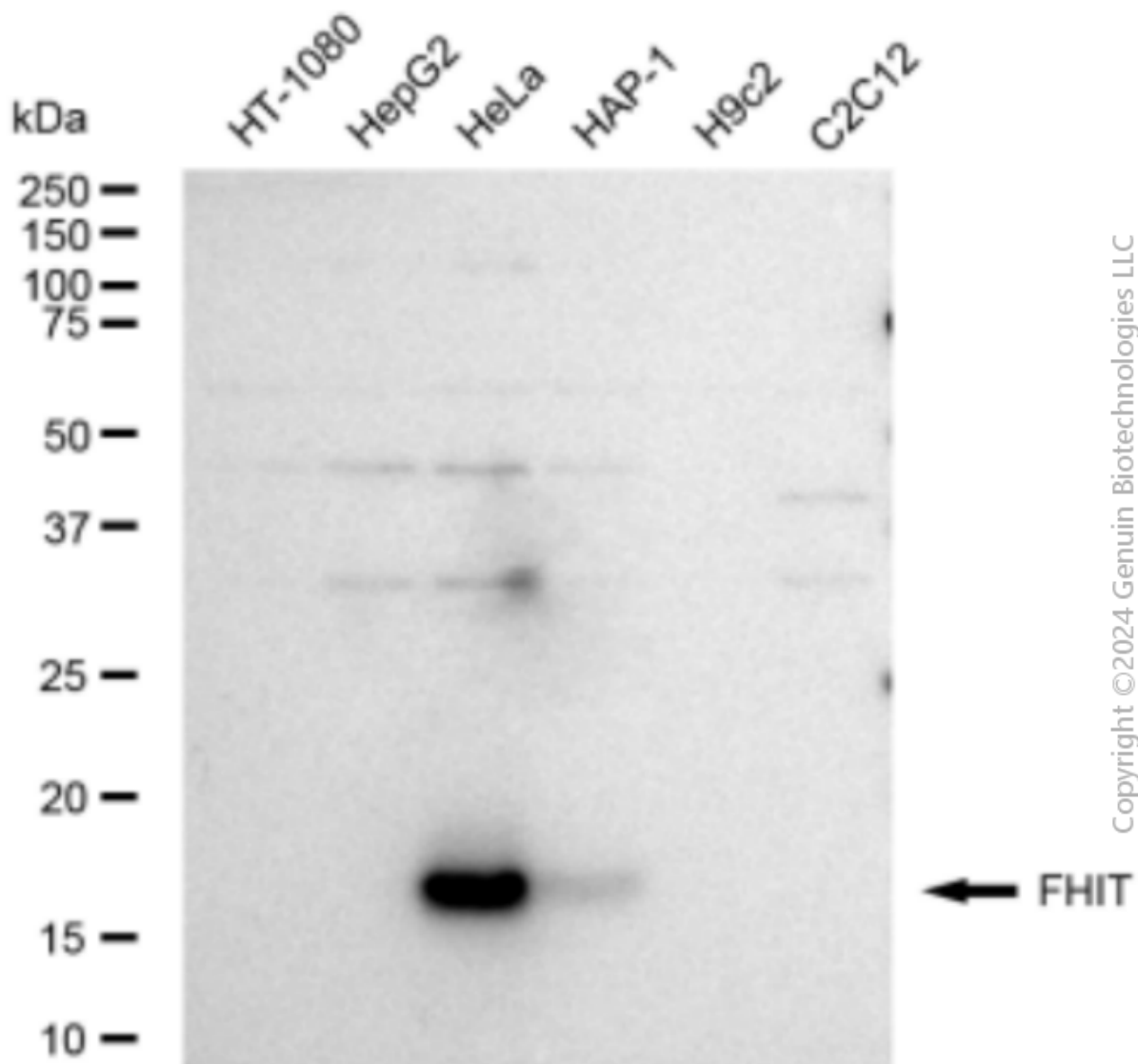
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Scale bar, 20 μ m.



Western blotting analysis using anti-FHIT antibody (Cat#1983). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FHIT antibody (Cat#1983, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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