

Anti-DNA Damage Inducible Transcript 3 Recombinant Rabbit Monoclonal Antibody



Catalog #: 2961

Aliases

DDIT3; DNA Damage Inducible Transcript 3; GADD153; CHOP10; CHOP; C/EBP Zeta; Growth Arrest And DNA Damage-Inducible Protein GADD153; CCAAT/Enhancer-Binding Protein Homologous Protein; DNA Damage-Inducible Transcript 3 Protein; C/EBP-Homologous Protein 10; Alternative DDIT3 Protein; AltDDIT3; CHOP-10; Growth Arrest And DNA-Damage-Inducible Gene; DDIT3 Upstream Open Reading Frame Protein; DNA-Damage-Inducible Transcript 3; C/EBP Homologous Protein; C/EBP-Homologous Protein; C/EBPzeta; DDIT-3; CEBPZ

Background

Gene Name: DDIT3

NCBI Gene Entry: [1649](#)

UniProt Entry: [P35638](#)

Application Information

Molecular Weight: Predicted, 19 kDa; observed, 27 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3370

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human DDIT3

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

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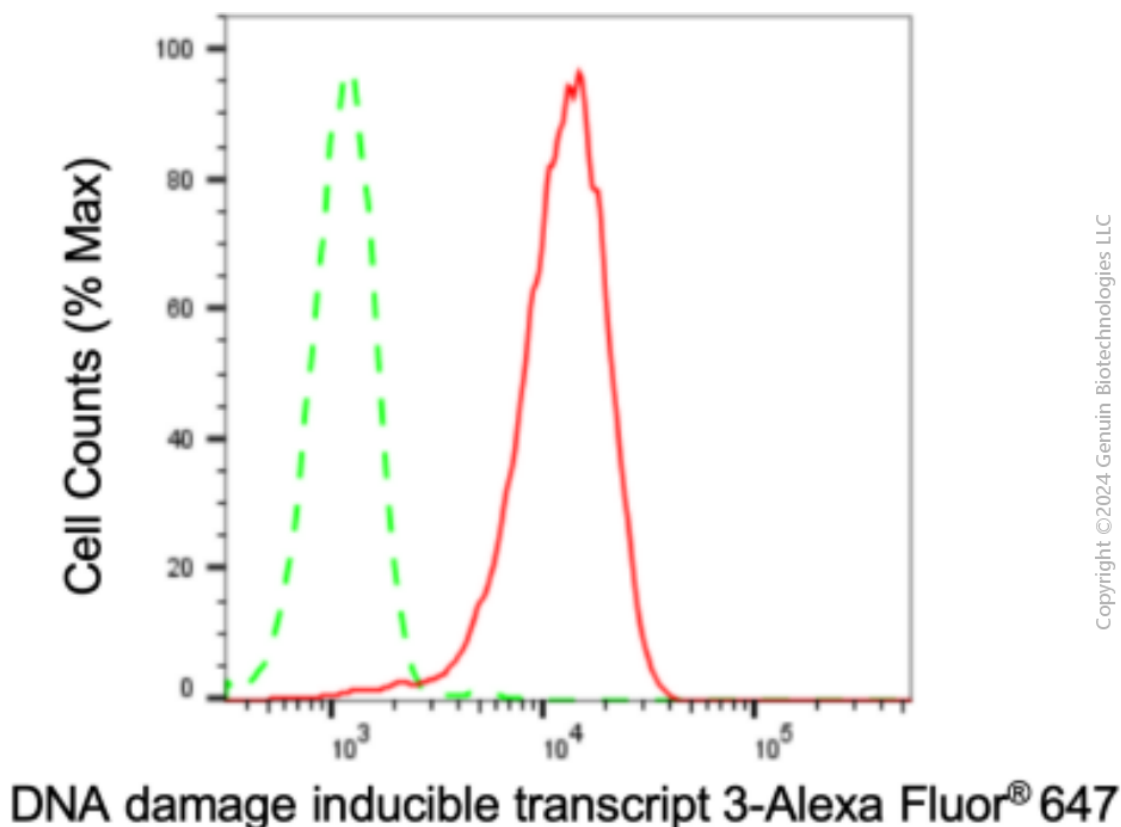
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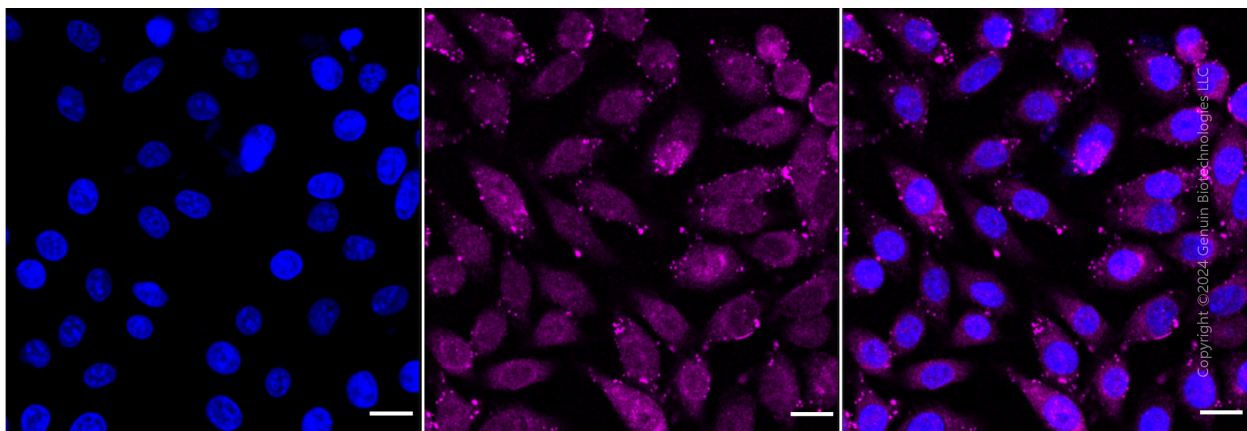
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data



Flow cytometric analysis of DNA damage inducible transcript 3 expression in HepG2 cells using anti-DNA damage inducible transcript 3c antibody (Cat#2961, 1:2,000). Green, isotype control; red, DNA damage inducible transcript 3.



Immunocytochemical staining of HepG2 cells with anti-DNA damage inducible transcript 3

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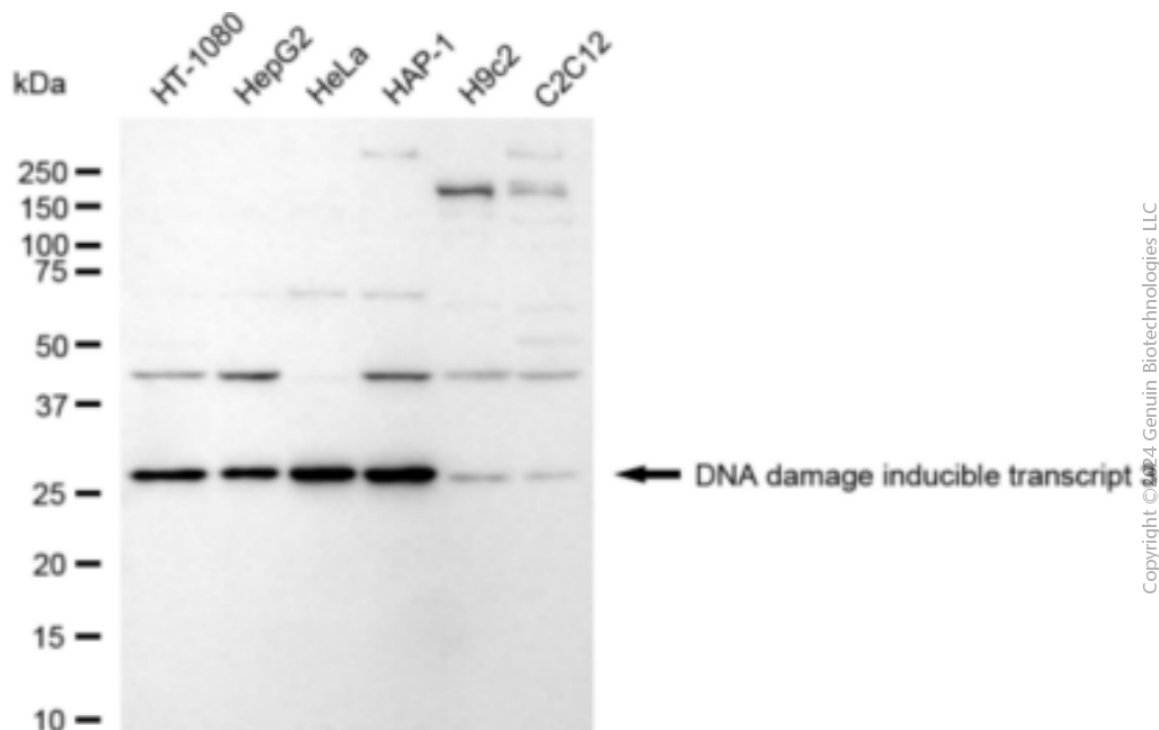
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antibody (Cat#2961, 1:1,000) . Nuclei were stained blue with DAPI; DNA damage inducible transcript 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-DNA damage inducible transcript 3 antibody (Cat#2961). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DNA damage inducible transcript 3 antibody (Cat#2961, 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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