Anti-Phospho-STAT3 (S727) Recombinant Rabbit Monoclonal Antibody

Catalog #: 1689

Aliases

STAT3; Signal Transducer And Activator Of Transcription 3; APRF; Acute-Phase Response Factor; Signal Transducer And Activator Of Transcription 3 (Acute-Phase Response Factor); DNA-Binding Protein APRF; ADMIO1; ADMIO; HIES

Background

Gene Name: STAT3
NCBI Gene Entry: 6774
UniProt Entry: P40763

Application Information

Molecular Weight: Predicted, 88 kDa; observed, 98 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB4085
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-STAT3 (S727)

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

Note: This product is for research use only.

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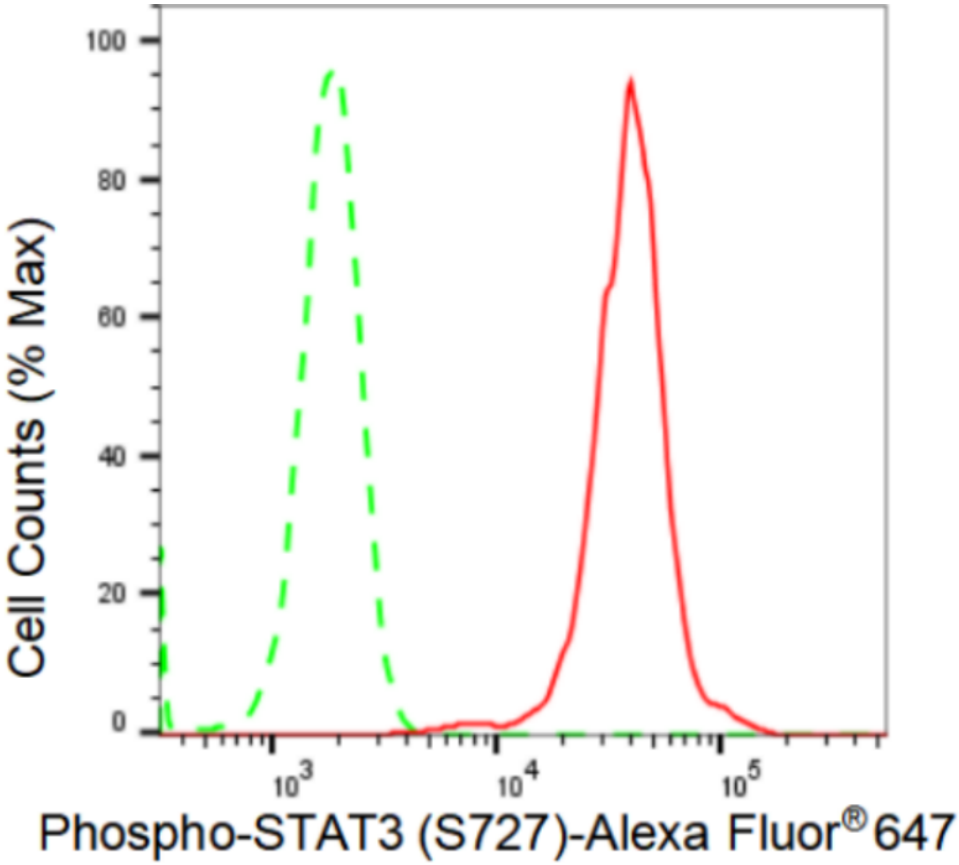
Validation Data



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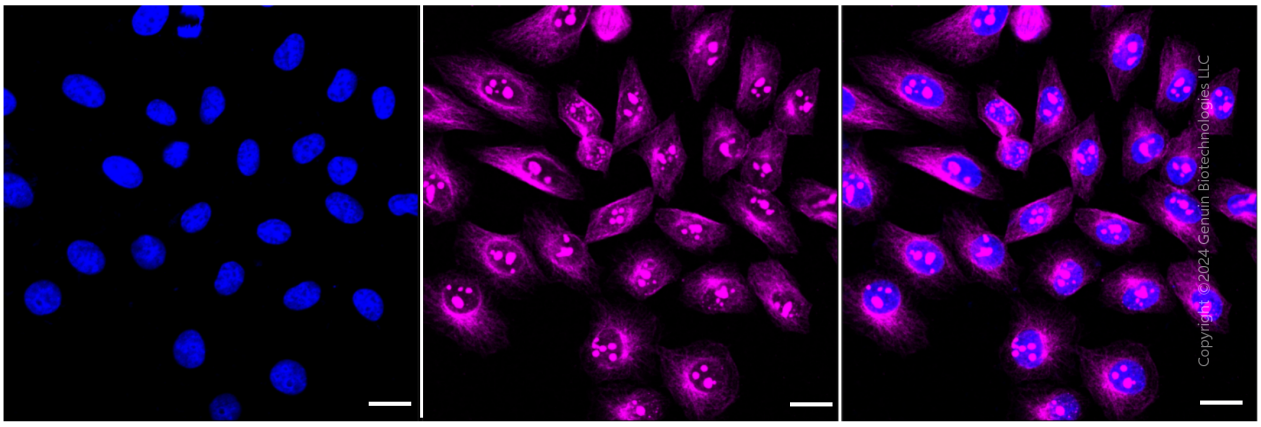
Flow cytometric analysis of Phospho-STAT3 (S727) expression in HepG2 cells using Phospho-STAT3 (S727) antibody (Cat#1689, 1:2,000). Green, isotype control; red, Phospho-STAT3 (S727).



Immunocytochemical staining of HepG2 cells with Phospho-STAT3 (S727) antibody (Cat#1689, 1:1,000). Nuclei were stained blue with DAPI; Phospho-STAT3 (S727) 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.

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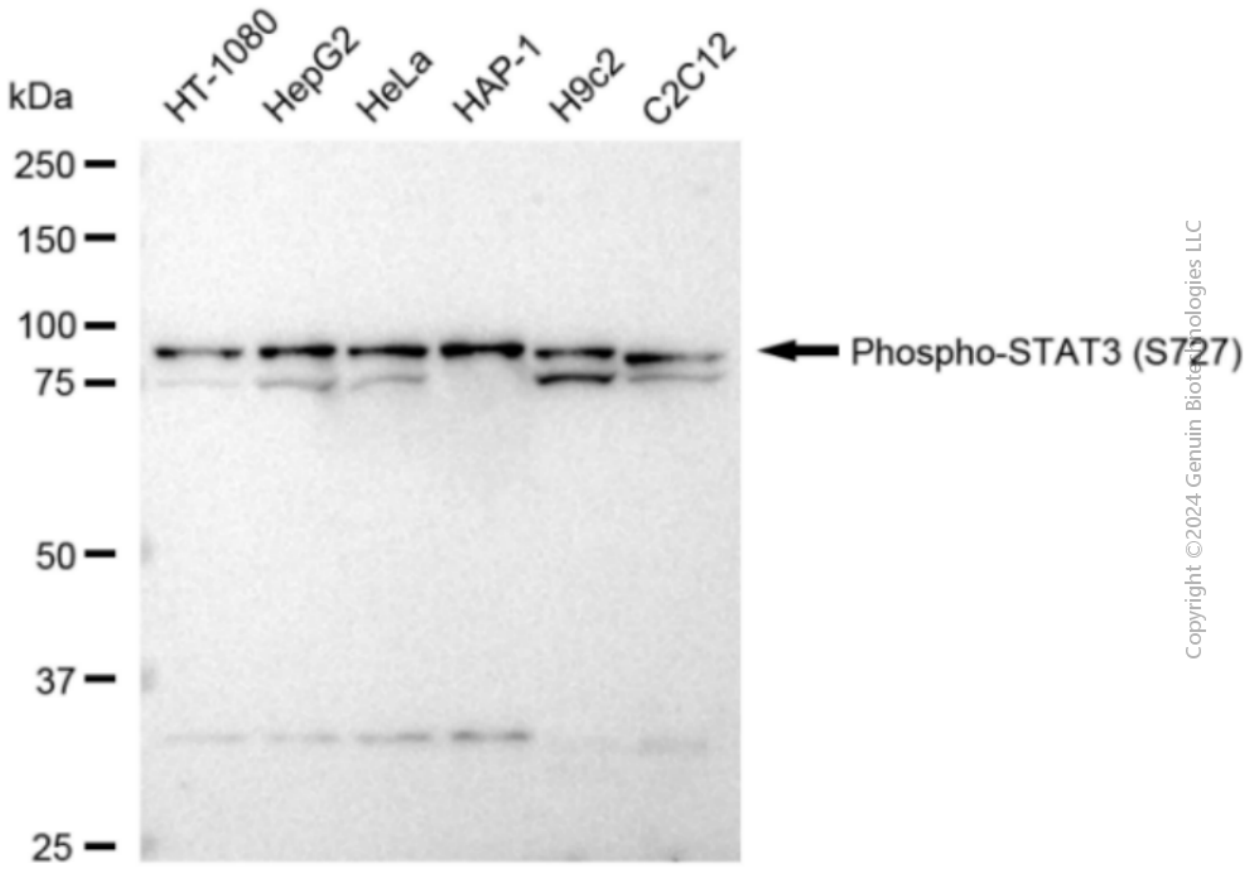

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Western blotting analysis using anti-Phospho-STAT3 (S727) antibody (Cat#1689). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-STAT3 (S727) antibody (Cat#1689, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).