Anti-STAT1 Recombinant Rabbit Monoclonal Antibody

Catalog #: 4229

Aliases

STAT1; Signal Transducer And Activator Of Transcription 1; Transcription Factor ISGF-3 Components P91/P84; STAT91; ISGF-3; Signal Transducer And Activator Of Transcription 1-Alpha/Beta; Signal Transducer And Activator Of Transcription 1, 91kDa; Signal Transducer And Activator Of Transcription 1, 91kD; CANDF7; IMD31A; IMD31B; IMD31C

Background

Gene Name: STAT1
NCBI Gene Entry: 6772
UniProt Entry: P42224

Application Information

Molecular Weight: Predicted, 87 kDa; observed, 87 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB10180
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human STAT1 alpha

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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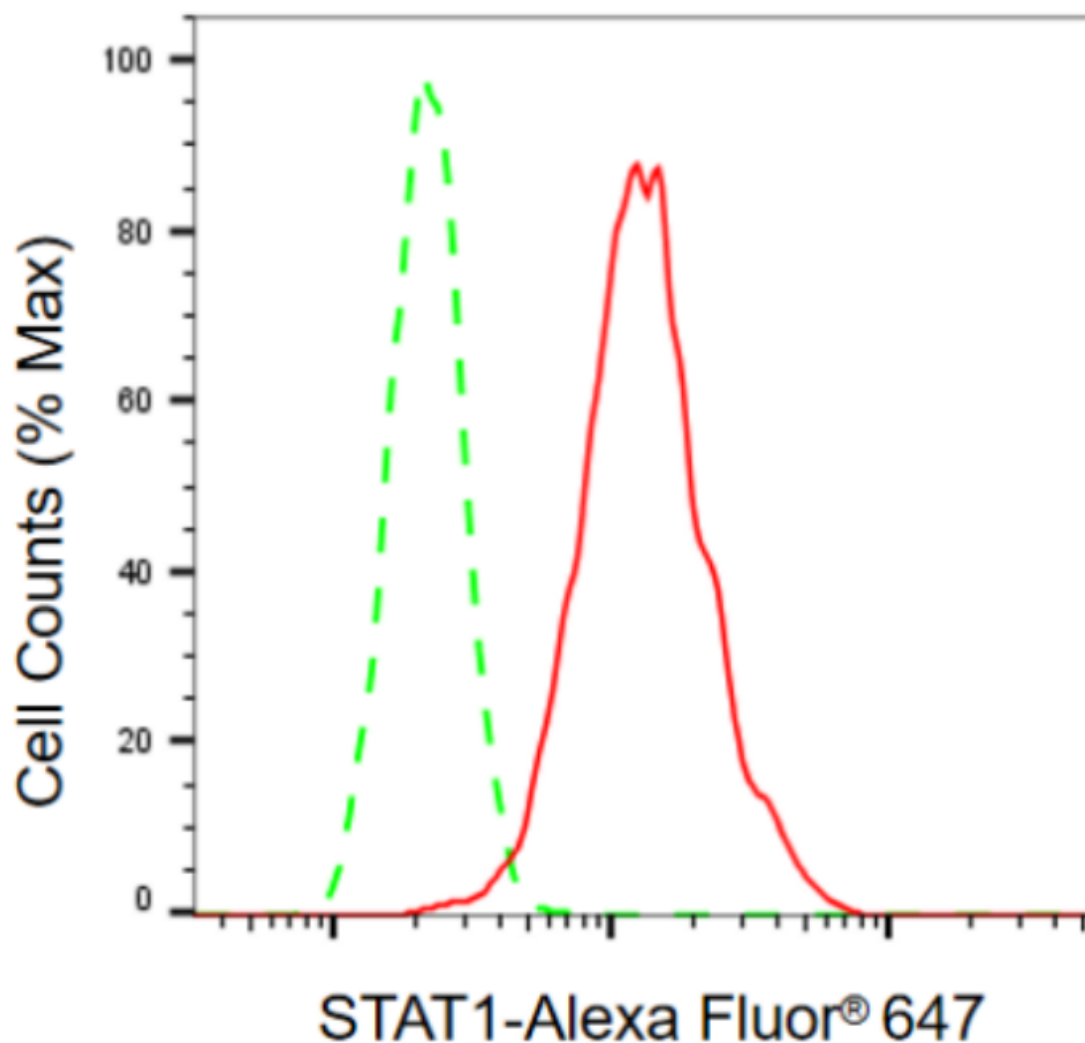
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of STAT1 expression in H9C2 cells using anti-STAT1 antibody (Cat#4229, 1:2,000). Green, isotype control; red, STAT1.
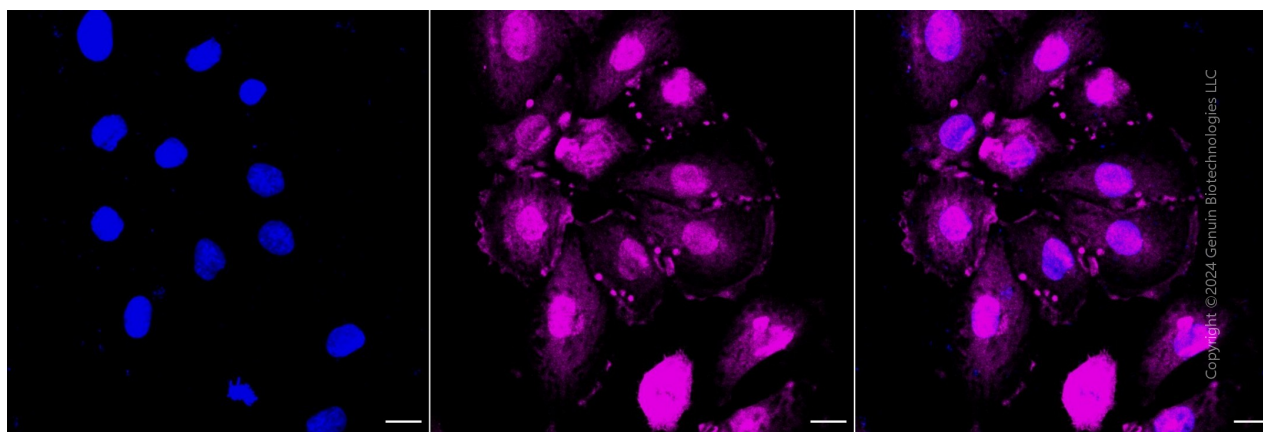

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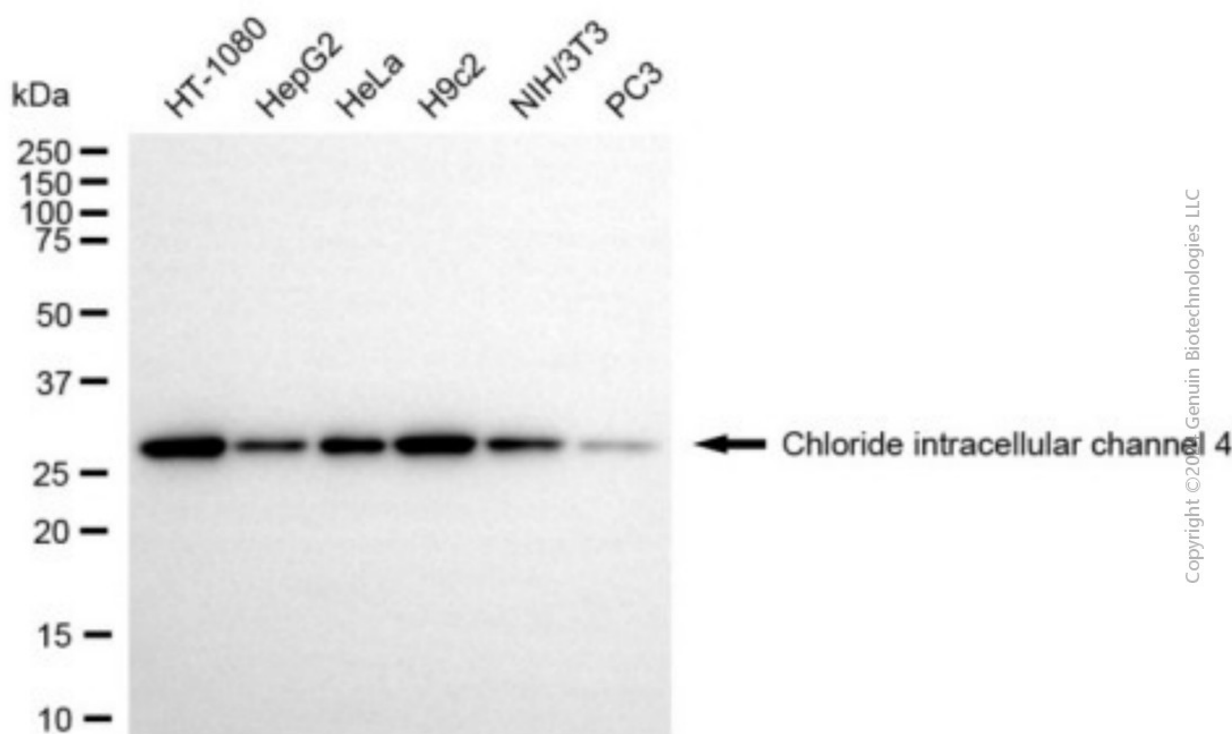SUPPORT@GENUINBIOTECH.COM
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Immunocytochemical staining of H9C2 cells with anti-STAT1 antibody (Cat#4229, 1:1,000). Nuclei were stained blue with DAPI; STAT1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μm.

Western blotting analysis using anti-STAT1 antibody (Cat#4229). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STAT1 antibody (Cat#4229, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).