

Catalog #: 4775

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, 79 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB12880

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human stat3

Isotype

Mouse IgG1

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): 1:200-1:1,000

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

Validation Data

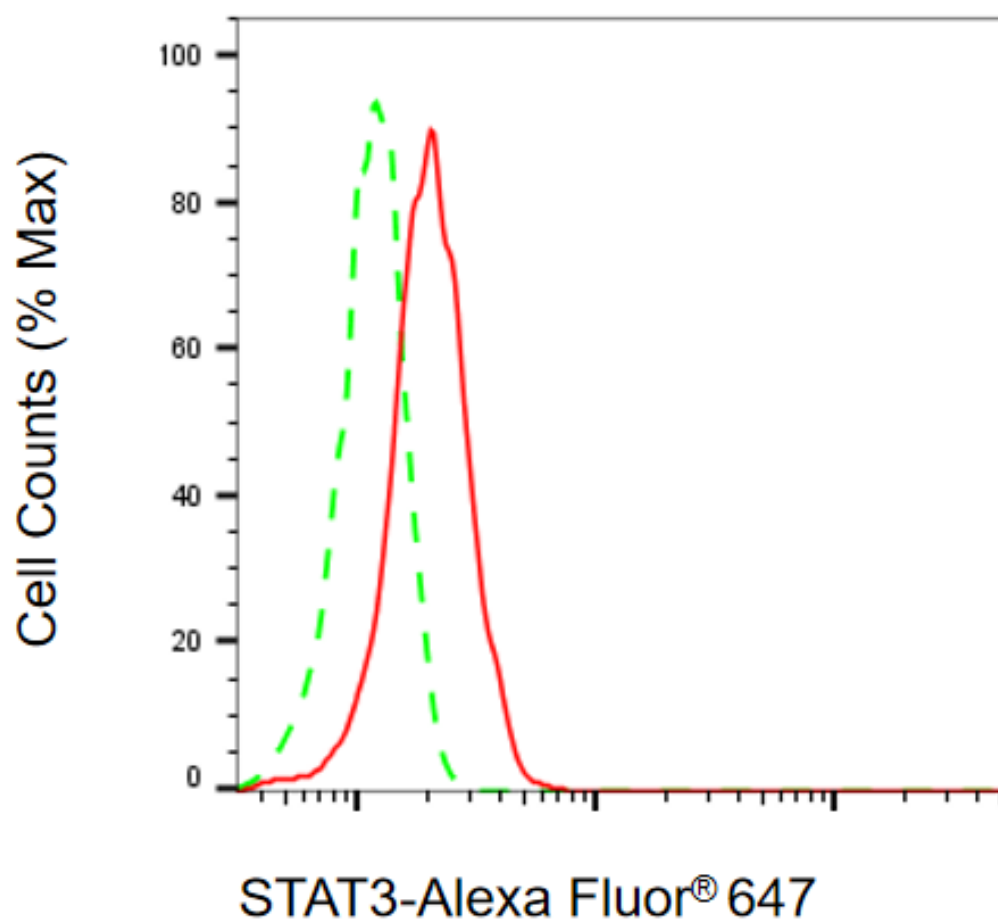
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SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



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Flow cytometric analysis of STAT3 expression in HepG2 cells using anti-STAT3 antibody (Cat#4775, 1:2,000). Green, isotype control; red, STAT3.

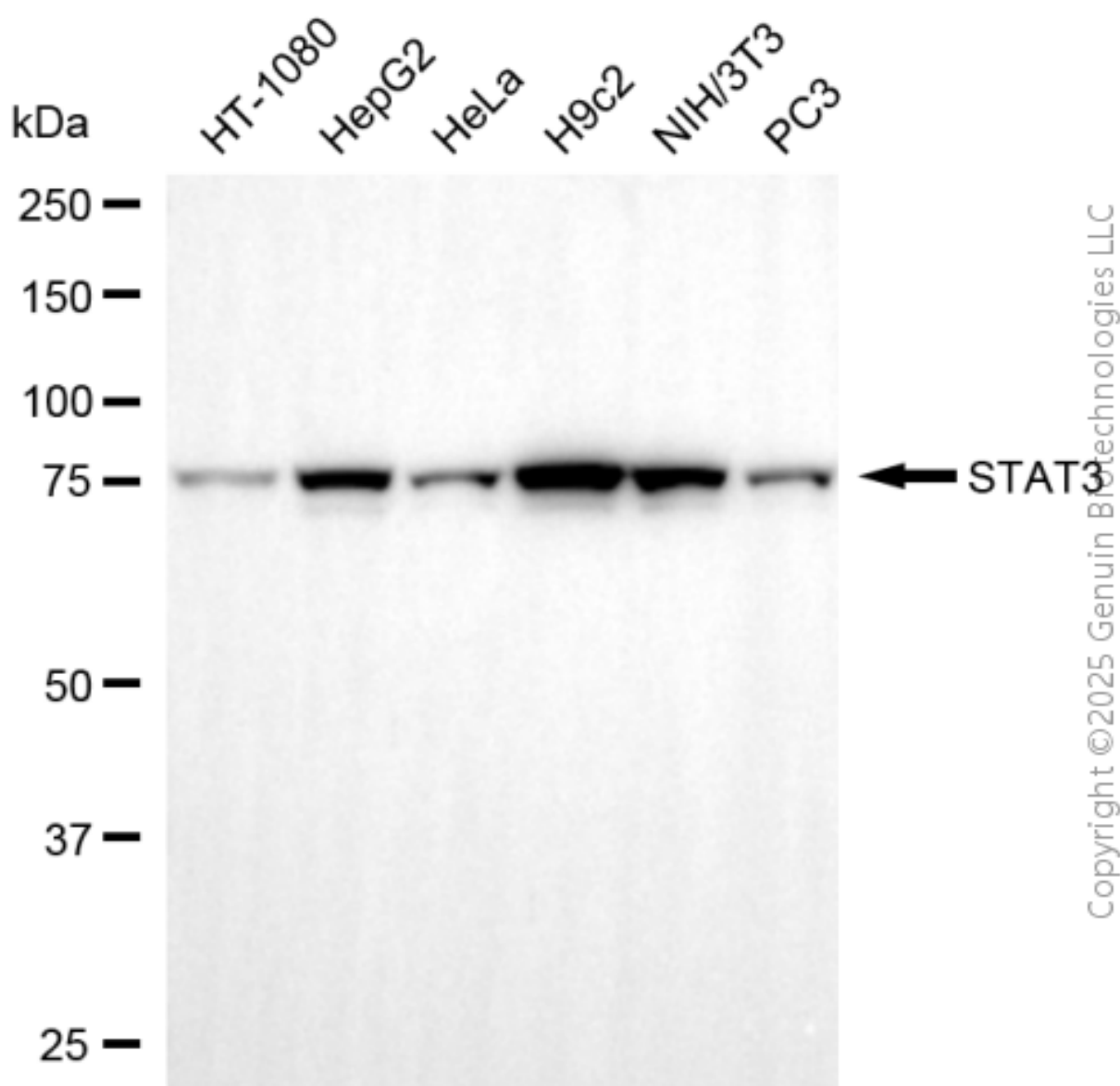
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Western blotting analysis using anti-STAT3 antibody (Cat#4775). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STAT3 antibody (Cat#4775, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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