9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-STAT1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1410

Product Overview

Name	KD-Validated Anti-STAT1 Rabbit Monoclonal Antibody
Accession(Primary)	P42224
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human STAT1 alpha
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 87 kDa , observed, 87 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P42224)

Gene Name	STAT1
About Gene Symbol	STAT1 (Signal Transducer And Activator Of Transcription 1) is a cytokine and immune signaling protein involved in immune signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cell

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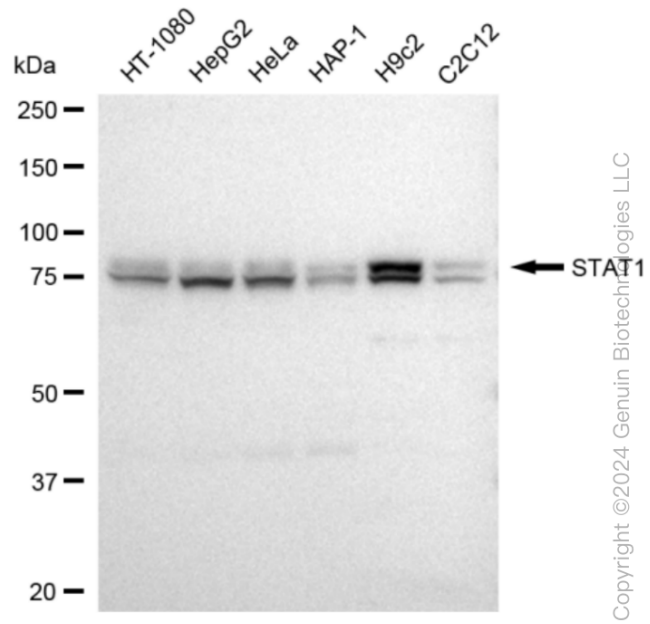

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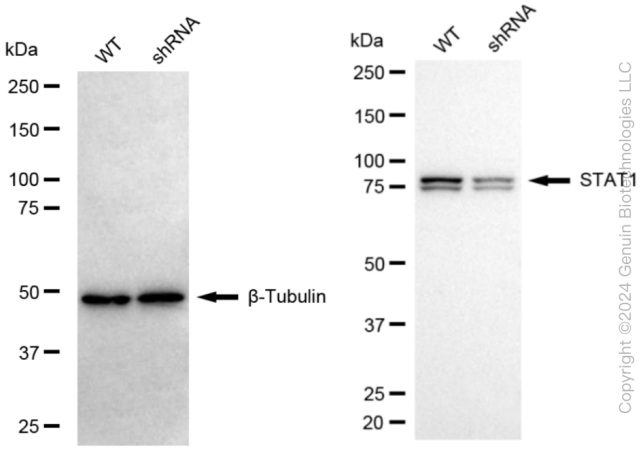
Western blotting analysis using anti-STAT1 antibody (Cat#ABG1410). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STAT1 antibody (Cat#ABG1410, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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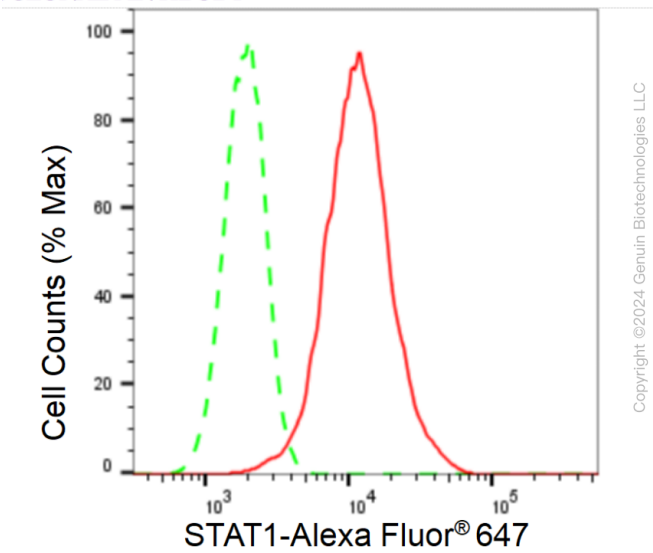
Western blotting analysis using anti-STAT1 antibody (Cat#ABG1410). STAT1 expression in wild-type (WT) and STAT1 shRNA knockdown (KD) H9c2 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-STAT1 antibody (Cat#ABG1410, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of STAT1 expression in H9c2 cells using STAT1 antibody (Cat#ABG1410, 1:2,000). Green, isotype control; red, STAT1.

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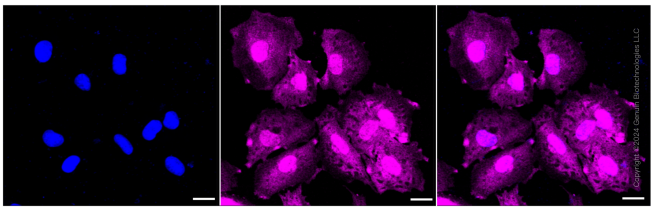

Immunocytochemical staining of H9C2 cells with STAT1 antibody (Cat#ABG1410, 1:1,000). Nuclei were stained blue with DAPI; STAT1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.