9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-STAT6 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2390

Product Overview

Name	KD-Validated Anti-STAT6 Rabbit Monoclonal Antibody
Accession(Primary)	P42226
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human STAT6
Species Reactivity	Human
Calculated MW	Predicted, 94 kDa, observed, 94 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 (P42226)

Gene Name	STAT6
About Gene Symbol	STAT6 (Signal Transducer And Activator Of Transcription 6) 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 cellular mechanisms and identify therapeutic targets.

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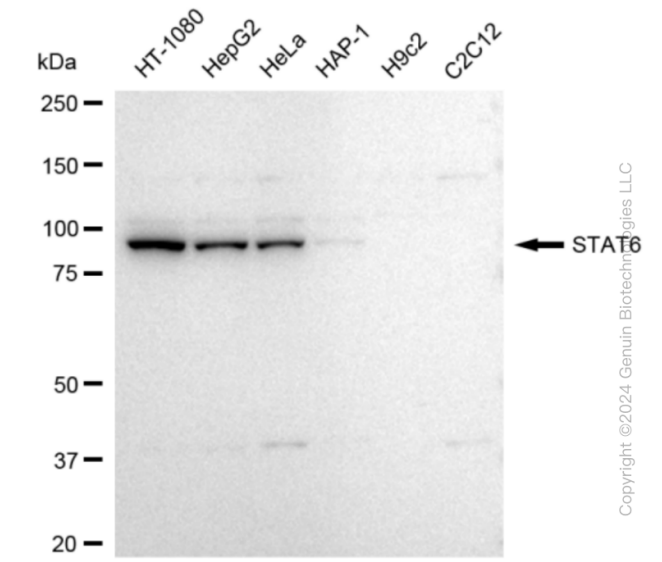
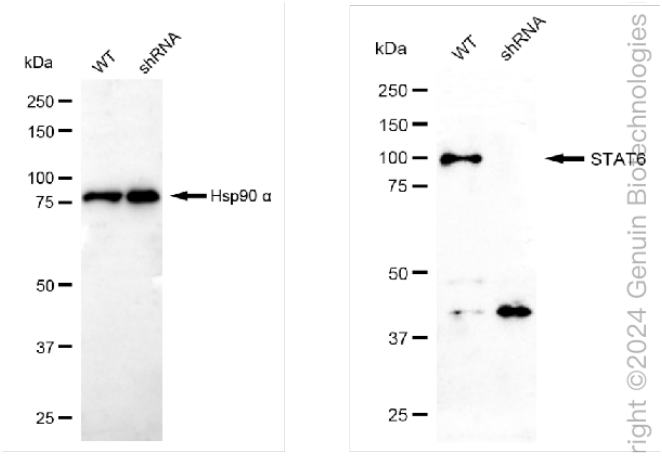
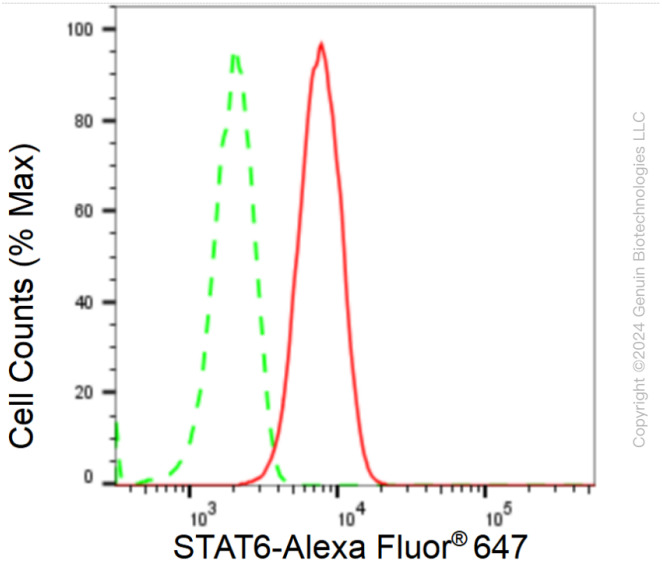


Western blotting analysis using anti-STAT6 antibody (Cat#ABG2390). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STAT6 antibody (Cat#ABG2390, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-STAT6 antibody (Cat#ABG2390). STAT6 expression in wild-type (WT) and STAT6 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-STAT6 antibody (Cat#ABG2390, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of STAT6 expression in HT-1080 cells using STAT6 antibody (Cat#ABG2390, 1:2,000). Green, isotype control; red, STAT6.

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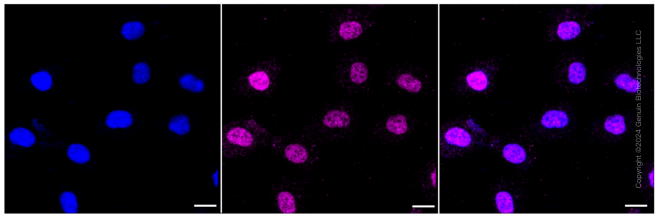

Immunocytochemical staining of HT-1080 cells with STAT6 antibody (Cat#ABG2390, 1:1,000). Nuclei were stained blue with DAPI; STAT6 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.