

KD-Validated Anti-STAT1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

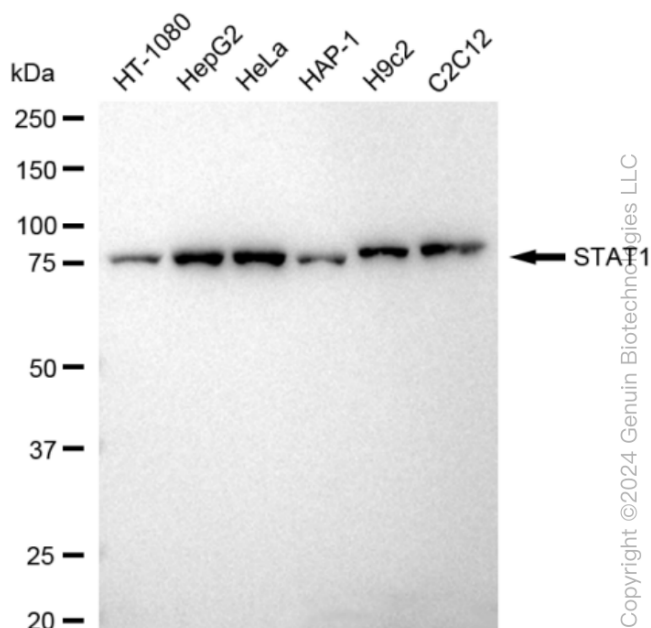
ABG1408

Product Overview

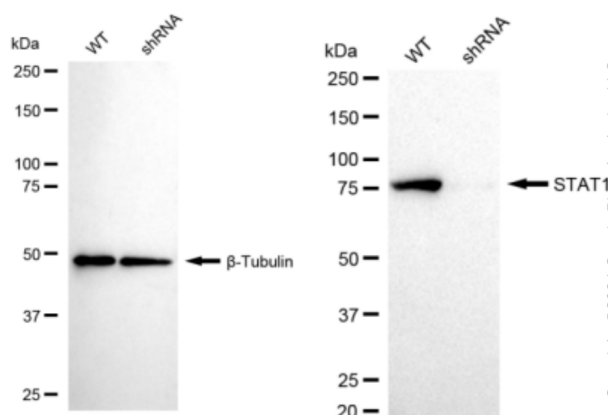
Name	KD-Validated Anti-STAT1 Rabbit Monoclonal Antibody
Accession(Primary)	P42224
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human STAT1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 87 kDa , observed, 84 kDa
Storage Buffer	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)

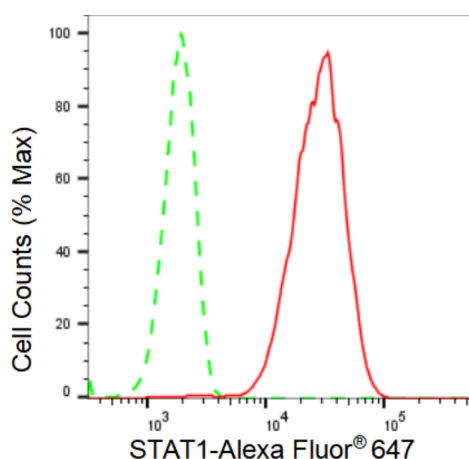
Gene Name	STAT1
About Gene Symbol	STAT1 (Signal Transducer And Activator Of Transcription 1) is a cytokine and immune signaling protein involved in immune signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cell



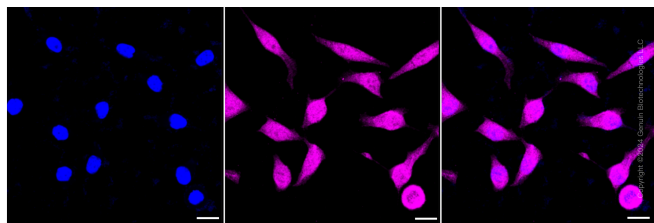
Western blotting analysis using anti-STAT1 antibody (Cat#ABG1408). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STAT1 antibody (Cat#ABG1408, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-STAT1 antibody (Cat#ABG1408). STAT1 expression in wild type (WT) and STAT1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-STAT1 antibody (Cat#ABG1408, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of STAT1 expression in HeLa cells using STAT1 antibody (Cat#ABG1408, 1:2,000). Green, isotype control; red, STAT1.



Immunocytochemical staining of HeLa cells with STAT1 antibody (Cat#ABG1408, 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 μ m.