

KD-Validated Anti-STAT5A Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1719**Specification**

KD-Validated Anti-STAT5A Rabbit Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	P42229
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 91 kDa , observed , 92 kDa KDa
Gene Name	STAT5A
Aliases	STAT5A; Signal Transducer And Activator Of Transcription 5A; STAT5; MGF; Epididymis Secretory Sperm Binding Protein
Immunogen	A synthesized peptide derived from human STAT5a

KD-Validated Anti-STAT5A Rabbit Monoclonal Antibody - Additional Information

Gene ID	6776
Other Names	
Signal transducer and activator of transcription 5A, STAT5A, STAT5	

KD-Validated Anti-STAT5A Rabbit Monoclonal Antibody - Protein Information**Name** STAT5A**Synonyms** STAT5**Function**

Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL- induced transcription. Regulates the expression of milk proteins during lactation.

Cellular Location

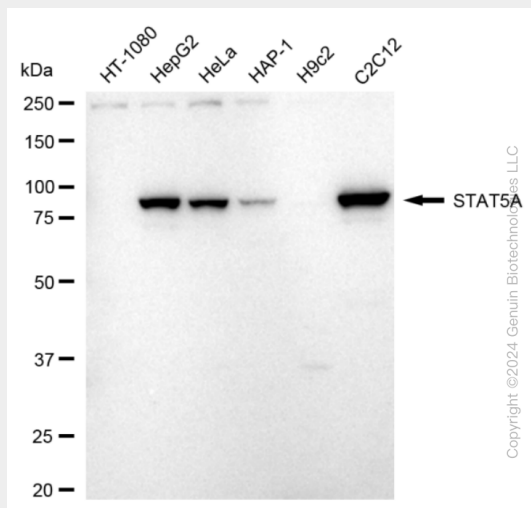
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

KD-Validated Anti-STAT5A Rabbit Monoclonal Antibody - Protocols

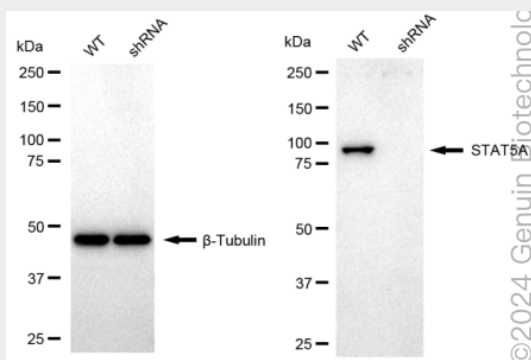
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

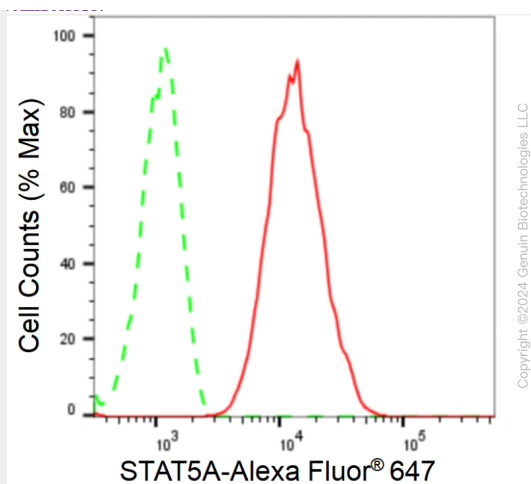
KD-Validated Anti-STAT5A Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-STAT5A antibody (Cat#62641). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STAT5A antibody (Cat#62641, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-STAT5A antibody (Cat#62641). STAT5A expression in wild type (WT) and STAT5A shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-STAT5A antibody (Cat#62641, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Flow cytometric analysis of STAT5A expression in C2C12 cells using anti-STAT5A antibody (Cat#62641, 1:2,000). Green, isotype control; red, STAT5A.