

Human/Mouse STAT1 p91 Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: PAF-ST1

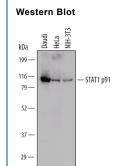
DESCRIPTION		
Species Reactivity	Human/Mouse	
Specificity	Detects human and mouse STAT1 p91 in Western blots. In Western blots, less than 1% cross-reactivity with human or mouse STAT1 p84 is observed. Additionally, no cross-reactivity with the other STATs has been detected by immunoprecipitation or Western blotting.	
Source	Polyclonal Goat IgG	
Purification	Antigen Affinity-purified	
Immunogen	E. coli-derived recombinant human STAT1	
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.	

APPLICATIONS

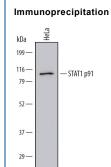
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below
Immunoprecipitation	3 µg/106 cells	See Below

DATA



Detection of Human and Mouse STAT1 p91 by Western Blot. Western blot shows lysates of Daudi human Burkitt's lymphoma cell line, HeLa human cervical epithelial carcinoma cell line, end NIH-3T3 mouse embryonic fibroblast cell line. PVDF Membrane was probed with 1 µg/mL of Goat Anti-Human/Mouse STAT1 p91 Antigen Affinity-purified Polyclonal Antibody (Catalog # PAF-ST1) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF109). A specific band was detected for STAT1 p91 at approximately 91 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



Immunoprecipitation of Human STAT1. STAT1 p91 was immunoprecipitated from 200 μg of cell lysate of HeLa human cervical epithelial carcinoma cell line following incubation with 3 μg Goat Anti-Human/Mouse STAT1 p91 Antigen Affinity-purified Polyclonal Antibody (Catalog # PAF -ST1) overnight at 4 °C. STAT1 p91-antibody complexes were absorbed using Protein G sepharose (Invitrogen, Catalog # 10-1242). Immunoprecipitated STAT1 p91 was detected by Western blot using 1 μg/mL Human STAT1 Monoclonal Antibody (Catalog # MAB14901). View our recommended buffer recipes for immunoprecipitation.

PREPARATION AND STORAGE

Reconstitution Sterile PBS to a final concentration of 0.2 mg/mL.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

