

35-1047: Polyclonal Antibody to STAT5A (Phospho-Tyr694)

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human,Mouse,Rat
Gene :	STAT5A
Gene ID :	6776
Uniprot ID :	P42229
Format :	Purified
Alternative Name :	MGF, MPF, Mammary gland factor, STA5A,STAT5
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of tyrosine 694 (D-G-Y(p)-V-K) derived from Human STAT5A.

Description

Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 90kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

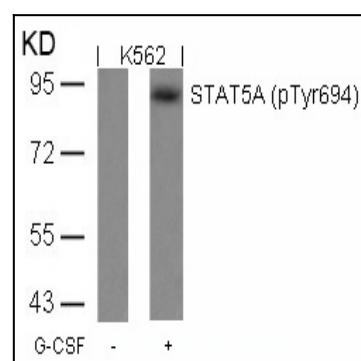


Figure 1: Western blot analysis of extracts from K562 cells untreated or treated with G-CSF using STAT5A(Phospho-Tyr694) Antibody 35-1047 .

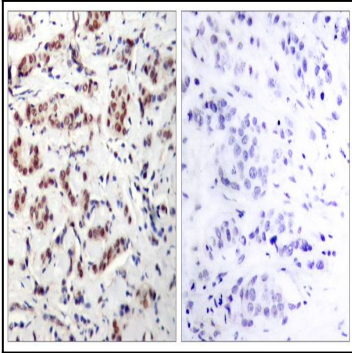


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT5A(Phospho-Tyr694) Antibody 35-1047 (left) or the same antibody preincubated with blocking peptide(right).