STAT5a(Phospho-Tyr694) Antibody

Catalog No: #11048

Package Size: #11048-1 50ul #11048-2 100ul #11048-4 25ul

Overview

Product Name	STAT5a(Phospho-Tyr694) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	STAT5a
Modification	Phospho-Tyr694
Alternative Names	MGF; MPF; Mammary gland factor; STA5A,; STAT5

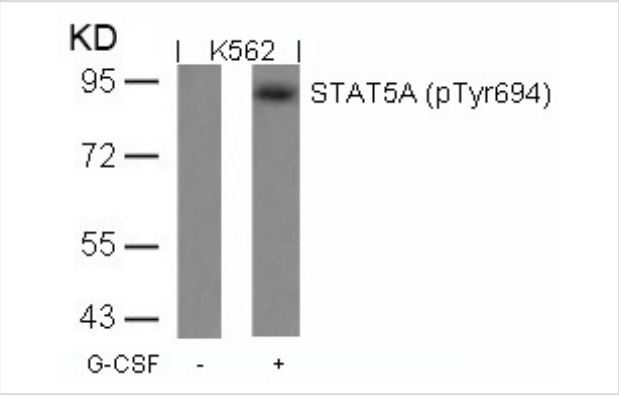
Application Details

Predicted MW: 90kd

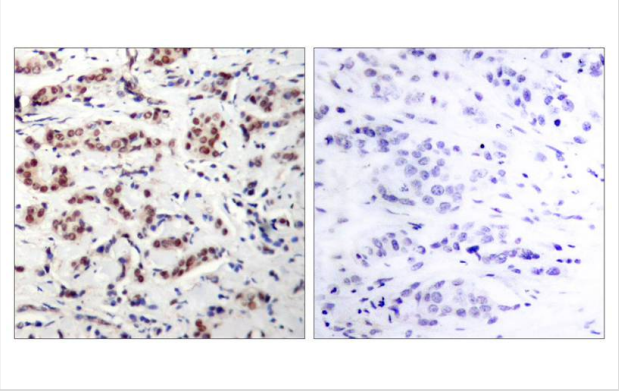
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells untreated or treated with G-CSF using STAT5A(Phospho-Tyr694) Antibody #11048.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT5A(Phospho-Tyr694) Antibody #11048(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 694 (D-G-Y(p)-V-K) derived from Human STAT5A.
Specificity	The antibody detects endogenous level of STAT5A only when phosphorylated at tyrosine 694.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P42229NCBI Protein: NP_003143.2

Related Information

Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.
Gouilleux F, et al. (1994) EMBO J. 13: 4361-4369.
Dentelli P, et al. (1999) J Immunol. 163: 2151-2159.
Meinke A, et al. (1996) Mol Cell Biol. 16: 6937-6944.

Published Papers

Drechsler J, GroB'B§ tzinger J, Hermanns HM el at., Characterization of the Rat Oncostatin M Receptor Complex Which Resembles the Human, but Differs from the Murine Cytokine Receptor. , PLoS ONE, 7(8): e43155.(2012)
PMID:22937020