STAT5a(Phospho-Ser780) Antibody

Catalog No: #11049

Package Size: #11049-1 50ul #11049-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	STAT5a(Phospho-Ser780) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of STAT5A only when phosphorylated at serine 780.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 780 (R-L-S(p)-P-P) derived from Human STAT5A.
Target Name	STAT5a
Modification	Phospho
Other Names	MGF; MPF; Mammary gland factor; STA5A,; STAT5
Accession No.	Swiss-Prot: P42229NCBI Protein: NP_003143.2
Uniprot	P42229
GeneID	6776;
Concentration	1.0mg/ml
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.

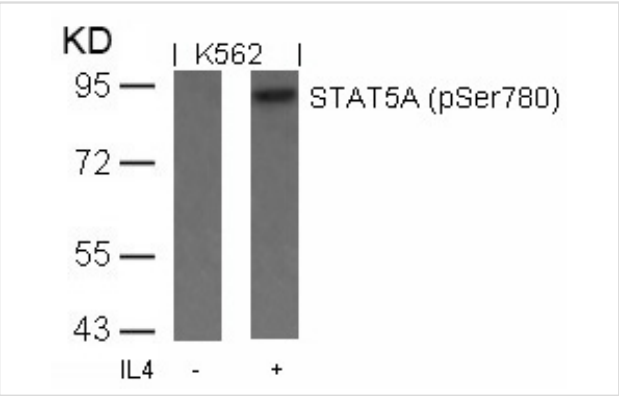
Application Details

Predicted MW: 90kd

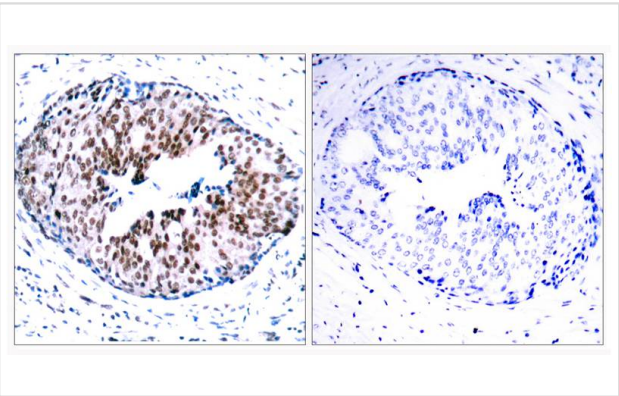
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells untreated or treated with IL-4 using STAT5A(Phospho-Ser780) Antibody #11049.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT5A(Phospho-Ser780) Antibody #11049(left) or the same antibody preincubated with blocking peptide(right).

Background

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.

Note: This product is for in vitro research use only