

STAT4(Phospho-Tyr693) Antibody

Catalog No: #11047

Package Size: #11047-1 50ul #11047-2 100ul

Description

Product Name	STAT4(Phospho-Tyr693) 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 chromatography using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of STAT4 only when phosphorylated at tyrosine 693.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 693 (K-G-Y(p)-V-P) derived from Human STAT4.
Conjugates	Unconjugated
Target Name	STAT4
Modification	Phospho
Other Names	SLEB11
Accession No.	Swiss-Prot: Q14765NCBI Protein: NP_003142.1
Concentration	1.0mg/ml
Formulation	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	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

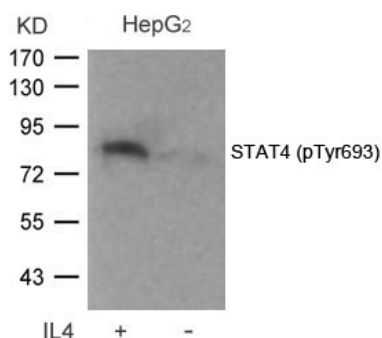
Application Details

Predicted MW: 85kd

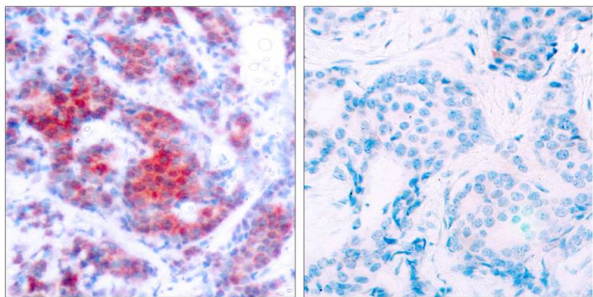
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HepG2 cells untreated or treated with IL-4 using STAT4(Phospho-Tyr693) Antibody #11047.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT4(Phospho-Tyr693) Antibody #11047(left) or the same antibody preincubated with blocking peptide(right).

Background

Carries out a dual function: signal transduction and activation of transcription. Involved in IL12 signaling.

Strausberg R L, et al. (2002) Proc Natl Acad Sci U S A. 99(26):16899-16903.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.