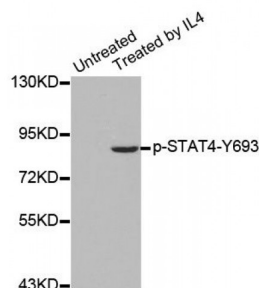


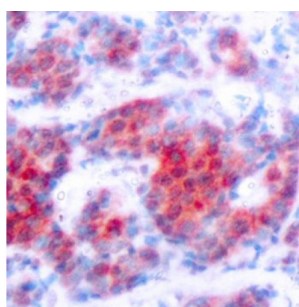
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STAT4 (pY693) Antibody

Catalogue No.: abx000189



Western blot analysis of extracts from HepG2 cells using Phospho-STAT4-Y693 antibody (abx000189).



Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-STAT4-Y693 antibody (abx000189).

STAT4 (pY693) Antibody is a Rabbit Polyclonal antibody against STAT4 (pY693). The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. Mutations in this gene may be associated with systemic lupus erythematosus and rheumatoid arthritis. Alternate splicing results in multiple transcript variants that encode the same protein.

Target: STAT4 (pY693)

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Synthetic Peptide. A phospho specific peptide corresponding to residues surrounding Y693 of human STAT4.

Purification: Affinity purified.

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| | |
|--------------------------|---|
| Form: | Liquid |
| Isotype: | IgG |
| Conjugation: | Unconjugated |
| Storage: | Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles. |
| Molecular Weight: | Calculated MW: 85 kDa Observed MW: 86 kDa |
| Swiss Prot: | Q14765 |
| GeneID: | 6775 |
| Gene Symbol: | STAT4 |
| Concentration: | > 1 mg/ml |
| Buffer: | PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. |
| Note: | This product is for research use only. |