



STAT1 (Phospho-Tyr701) Antibody Blocking Peptide

#51044

Catalog Number: 51044

Amount: 100µg/100µl

Form of Peptide: Peptide in 10 mM phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.1 mM EDTA, 1 mg/ml BSA, 5% DMF and 5% glycerol.

Peptide Information: The synthesized phosphopeptide was derived from human STAT1 around the phosphorylation site of tyrosine 701 (T-G-Y^P-I-K).

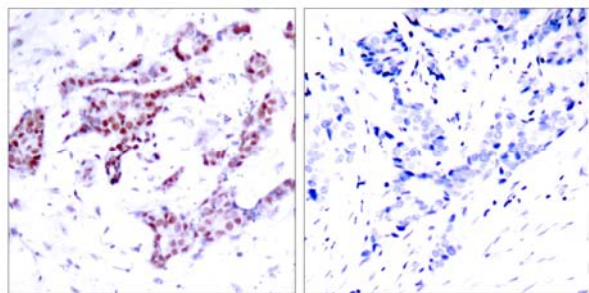
Storage: Store at -20°C.

Quality Control: The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.

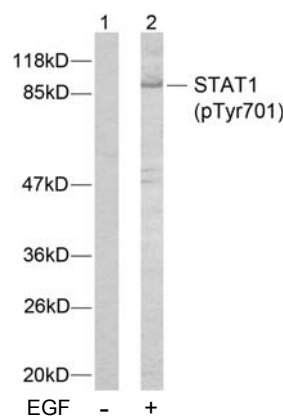
Specificity: The peptide specifically blocks the signal of STAT1 (phospho-Tyr701) antibody (#11044) completely in Western blotting and IHC.

Applications: For Western blotting: add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before allowing to react with the blot.

References: Heim M H, (1999) J Recept Signal Transduct Res. 19: 75-120.
Durbin J E, et al. (1996) Cell. 84: 443-450.
Demoulin J, B. et al. (1999) J Biol Chem. 274: 25855-258.
Ihle J N, et al. (1994) Trends Biochem Sci. 19: 222-227.



P-Peptide - +
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT1 (phospho-Tyr701) antibody (#11044).



Western blot analysis of extracts from MCF7 cells using STAT1 (phospho-Tyr701) antibody (#11044).

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