

## STAT5A (Phospho-Ser780) Antibody Blocking Peptide

| Catalog Number:      | 51049  |
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| Amount:              | 100µg/100µl  |
| Form of Peptide:     | Peptide in 10 mM phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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 human STAT5A around the                                    |
|                      | phosphorylation site of serine 780 (R-L-S <sup>P</sup> -P-P).  |
| 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 STAT5A (phospho-Ser780) antibody (#11049)                          |
|                      | completely in Western blotting and IHC.  |
| Applications:        | For Western blotting:add 10 $\mu l$ of antibody and 10 $\mu l$ of blocking peptide to 10 ml of antibody          |
|                      | dilution buffer, and incubate at 4 $^\circ \! {\rm C}$ over night or at room temperature for 2 hours before      |
|                      | allowing to react with the blot.   |
| References:          | 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.  |

