

## Phospho-STAT5 (Tyr694) Rabbit pAb

db1569

Package : 20μL 50μL 100μL

**Product Name** : Phospho-STAT5 (Tyr694) Rabbit pAb**Cat.No.:** db1569**Synonyms** : MGF; STAT5**Application** : WB, IHC**Reactivity** : Human, Mouse**Host species** : Rabbit**Background**

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 activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2013]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Tyr694 of human STAT5

**Gene ID**

6776

**Swiss Prot**

P42229

**Synonyms**

MGF; STAT5

**Reactivity**

Human, Mouse

**Application**

WB, IHC

**Recommended dilution**

WB: 1:1000

IHC: 1:20

**Calculated MW**

91 kDa

**Observed MW**

91 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.