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

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.