

Recombinant

DGRmAb®

Phospho-STAT5 (Tyr694) (DGR12680) Rabbit mAb

db14090

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-STAT5 (Tyr694) (DGR12680) Rabbit mAb**Cat.No.:** db14090**Synonyms** : MGF; STAT5**Application** : WB, IHC-P**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-P

Recommended dilution

WB: 1:1000

IHC-P: 1:50

Calculated MW

91 kDa

Observed MW

91 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR12680
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.