





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

 ${\tt BCL2L1/BCL-X(L)}, which suggests the antiapoptotic function of this gene in cells. Alternatively {\tt BCL2L1/BCL-X(L)}, {\tt BCL2L1/BC$

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

Swiss Prot P42229

Gene ID

Synonyms MGF; STAT5

Reactivity Human, Mouse

Application WB, IHC-P

Recommended dilution WB: 1:1000

IHC-P: 1:50

6776

Calculated MW 91 kDa

Observed MW 91 kDa

Host species Rabbit

Clonality Monoclonal



For Research Use Only **Product Datasheet**

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.