







## STAT5A/B (DGR13893) Rabbit mAb

db12807 Package : 10μL 20μL 50μL 100μL

Product Name: STAT5A/B (DGR13893) Rabbit mAb

Cat.No.: db12807

Synonyms: MGF; STAT5

Application: WB, IHC-P, ICC/IF, FC, IP

Reactivity: Human, Mouse, Rat

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** Recombinant protein of human STAT5a

Gene ID 6776

Swiss Prot P42230

**Synonyms** MGF; STAT5

Reactivity Human, Mouse, Rat

**Application** WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000

IHC-P: 1:200-1:2000 ICC/IF: 1:100-1:200

FC: 1:50-1:100

IP: 1:100

Calculated MW 90 kDa

Observed MW 90 kDa





Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR13893

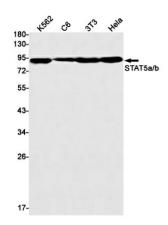
**Isotype** IgG

**Purity** Affinity Purification

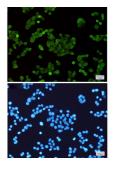
**Conjugation** Un-conjugated

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.



Western blot detection of STAT5a/b in K562,C6,3T3,Hela cell lysates using STAT5a/b antibody(1:1000 diluted).



Immunofluorescent analysis of HeLa cells using db12807 antibody (green), and DAPI (blue).