



<b>Swiss-Prot No.:</b>	P42229
<b>Altermname:</b>	STAT5A
<b>Storage/Stability:</b>	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Immunogen:</b>	Purified recombinant fragment of human STAT5A (AA: 583-794) expressed in E. Coli.
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human
<b>Other Names:</b>	MGF; STAT5
<b>Background:</b>	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 the 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.
<b>Gene ID:</b>	6776
<b>Cellular localization:</b>	Cytoplasm, Nucleus
<b>Source:</b>	Mouse
<b>Antibody type:</b>	Monclonal antibody
<b>Isotype:</b>	Mouse IgG1
<b>Molecular Weight:</b>	90.6kDa
<b>Preservative:</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Recommended Dilutions:</b>	WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; ICC: 1/50; FCM: 1/200 - 1/400; Elisa: Propose dilution 1/10000
<b>Clone Number:</b>	6D4