Product Name: STAT5a Rabbit Monoclonal Antibody
Catalog #: AMRe86440

Summary

Production Name	STAT5a Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF, FC, IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	STAT5a
Alternative Names	MGF; STAT5
Gene ID	6776
SwissProt ID	P42229.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:200-1:1000 ICC/IF: 1:100-1:500 FC: 1:100 IP: 1:20
Molecular Weight	Calculated MW:91 kDa; Observed MW:91 kDa

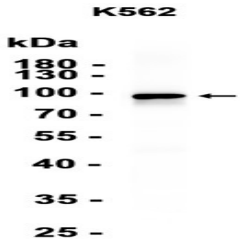
Background

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]

Research Area

Image Data



Western blot analysis of extracts from K562 cells using AMRe86440 at 1:50000.

Note

For research use only.