
Product Name: STAT5a (1Y19) Rabbit Monoclonal Antibody**Catalog #: AMRe18361**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:100-1:500,FC 1:50-1:200,IP 1:20-1:50
Molecular Weight	91kDa

Antigen Information

Gene Name	STAT5A
Alternative Names	MGF; MPF; Mammary gland factor; STA5A; STAT5; STAT5A
Gene ID	6776.0
SwissProt ID	P42229
Immunogen	A synthetic peptide of human STAT5a

Background

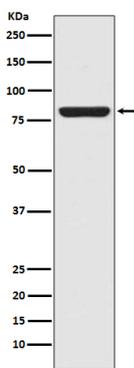
The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth

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. Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL- induced transcription. Regulates the expression of milk proteins during lactation.

Research Area

Signal Transduction

Image Data



Western blot analysis of STAT5a in A431 cell lysate.