Recombinant STAT5b Monoclonal Antibody

catalog number: **E-AB-81513**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human STAT5b
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123299
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:50-1:100

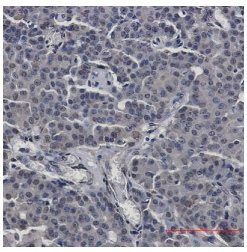
Data



Western blot detection of STAT5b in Hela,A549,HL-60 using STAT5b Rabbit mAb(1:1000 diluted)

Observed-MW:90 kDa

Calculated-MW:90 kDa



Immunohistochemistry of STAT5b in paraffin-embedded Human breast cancer tissue using STAT5b Rabbit mAb at dilution 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

STAT5B belongs to the transcription factor STAT family. 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. STAT5B carries out a dual function: signal transduction and activation of transcription. STAT5B mediates the signal transduction triggered by various cell ligands,such as IL2,IL4,CSF1,and different growth hormones. It has been shown to be involved in diverse biological processes,such as TCR signaling,apoptosis,adult mammary gland development,and sexual dimorphism of liver gene expression.

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