

Anti-STAT5B antibody

Cat. No.	ml120087
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-STAT5B rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human STAT5B
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	STAT5B
Full name	Signal transducer and activator of transcription 5B
Synonyms	STAT5
Swissprot	P51692

Target 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 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. This gene was found to fuse to retinoic acid receptor-alpha (RARA) gene in a small subset of acute promyelocytic leukemias (APLL). The dysregulation of the signaling pathways mediated by this protein may be the cause of the APLL.

订购热线: 4008-898-798

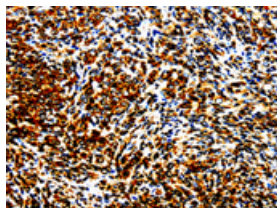
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human lymphoma

Recommended dilution: 10-50

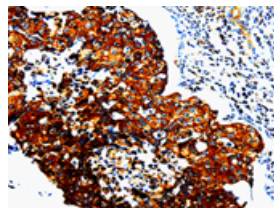


The image is immunohistochemistry of paraffin-embedded Human lymphoma tissue using ml120087(STAT5B Antibody) at dilution 1/10. (Original magnification: ×200)

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human breast cancer

Recommended dilution: 10-50



The image is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml120087(STAT5B Antibody) at dilution 1/10. (Original magnification: ×200)

ELISA

Recommended dilution: 500-10000

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