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Anti-STAT5B Antibody

CATALOG NO.: A1753 100 µl.

BACKGROUND DESCRIPTION: 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 leukemia (APLL). The dysregulation of the signaling pathways mediated by this protein may be the cause of the APLL.

ALTERNATE NAMES: Signal transducer and activator of transcription 5B, Transcription factor STAT5B.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.4 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant protein of human STAT5B.

PURIFICATION: Affinity purification.

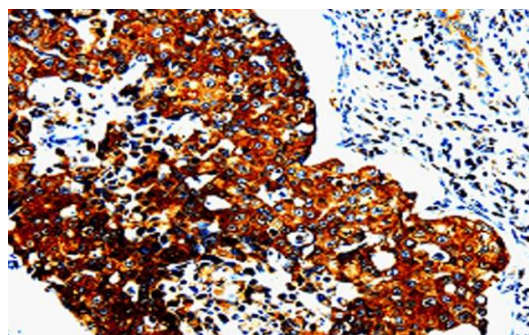
FORM: Liquid.

FORMULATION: PBS with 0.05% sodium azide, 50% glycerol, PH7.3

SPECIES REACTIVITY: Rat.
Mouse.
Human.

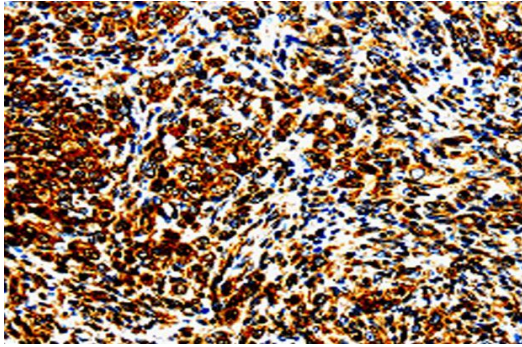
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles.

APPLICATIONS AND USAGE: IHC 1:10-1:50.



: IHC staining of paraffin-embedded Human breast cancer tissue using Anti-STAT5B Antibody.

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: IHC staining of paraffin-embedded Human lymphoma tissue using Anti-STAT5B Antibody.

RELATED PRODUCTS:

- Stat5 Blocking Peptide (3472BP).
- Stat5 Antibody (3472).
- Phospho-Stat5 Antibody (3475).
- Stat5 Inhibitor (9484).

FOR RESEARCH USE ONLY! Not to be used on humans.