

A Reliable Research Partner in Life Science and Medicine

Recombinant STAT1 α Monoclonal Antibody

catalog number: AN301097L

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

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human STAT1 α protein

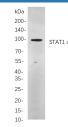
HostRabbitIsotypeIgG,κCloneB852PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:500-1000 **WB** 1:1000-5000

Data





Western Blot with Recombinant STAT1 α Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: A549 cells.

Observed-MW:90 kDa

Immunohistochemistry of paraffin-embedded human kidney tissue using Recombinant STAT1 α Monoclonal Antibody at dilution of 1:200.

Calculated-MW:87 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

Background

STAT1(signal transducer and activator of transcription 1) Homo sapiens The protein encoded by this gene is a member of the STAT protein 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. This protein can be activated by various ligands including interfero n-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described.

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