

## STAT1 Recombinant Rabbit mAb

Catalog: BS45789

Host: Rabbit

Reactivity: Human

### BackGround:

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 interferon-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. [provided by RefSeq, Jul 2008]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

83-87 kDa

### Swiss-Prot:

P42224

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000&lt;br /&gt;IHC: 1:500-1:2000&lt;br /&gt;FC:

1:200-1:500&lt;br /&gt;IP: 1:20

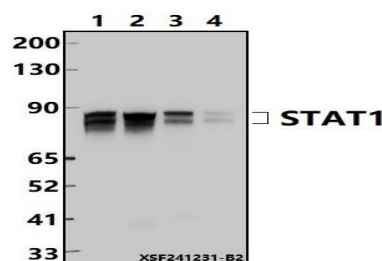
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

IgG

### DATA:



Western blot (WB) analysis of STAT1 Recombinant Rabbit mAb at 1:500 dilution

Lane1:MCF-7 whole cell lysate(30ug)

Lane2:HeLa whole cell lysate(30ug)

Lane3:The Lung tissue lysate of Mouse(30ug)

Lane4:The Brain tissue lysate of Rat(30ug)

### Note:

For research use only, not for use in diagnostic procedure.

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