

STAT1 Mouse Monoclonal Antibody



CAB10100

Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

87kDa

Calculated MW:

83kDa/87kDa

Applications:

WB IP

Reactivity:

Human, Monkey

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IP 1:20 - 1:50

Source:

Mouse

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

6772

Uniprot

P42224

Synonyms:

CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91; STAT1 alpha; STAT1

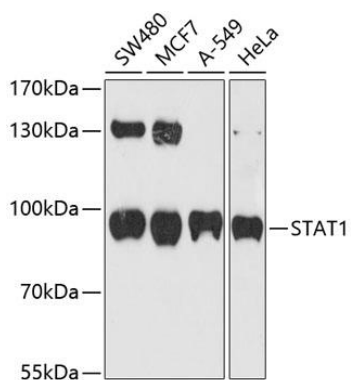
Immunogen:

Recombinant protein of human STAT1

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using STAT1 antibody (CAB10100) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.