

# STAT3 antibody



Catalog Number: 107606

## Product name

STAT3 antibody

## Specificity

Human, Mouse, Rat; other species not tested.

## Antibody description

STAT3 Mouse Monoclonal antibody. Positive IP detected in HeLa cells. Positive WB detected in HeLa cells, Jurkat cells, RAW 264.7 cells. Positive IHC detected in human lung cancer tissue, human breast cancer tissue, human cervical cancer tissue, human heart tissue, human liver tissue. Positive IF detected in HepG2 cells. Observed molecular weight by Western-blot: 88 kDa

## Preparation

This antibody was obtained by immunization of STAT3 recombinant protein (Accession Number: XM\_017024975). Purification method: Protein A purified.

## Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Monoclonal

## Ig Type

Mouse IgG2a

## Applications

ELISA, WB, IHC, IP, IF

## Dilutions

Recommended Dilution:

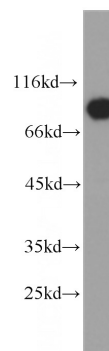
WB: 1:500-1:5000

IP: 1:1000-1:10000

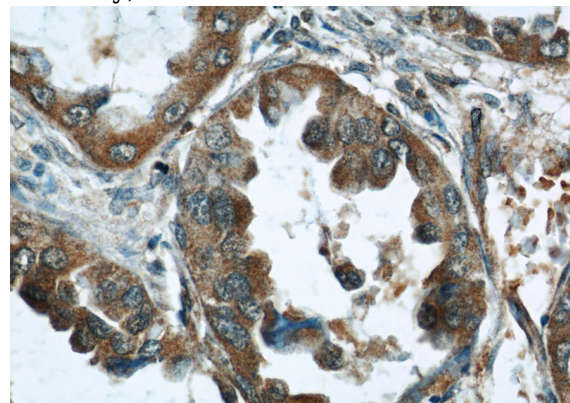
IHC: 1:20-1:200

IF: 1:50-1:500

## Validations



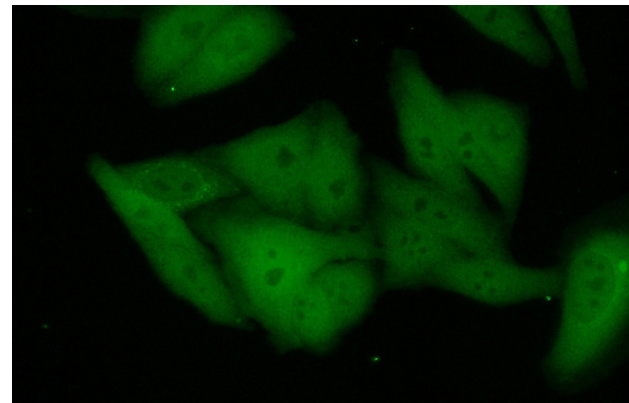
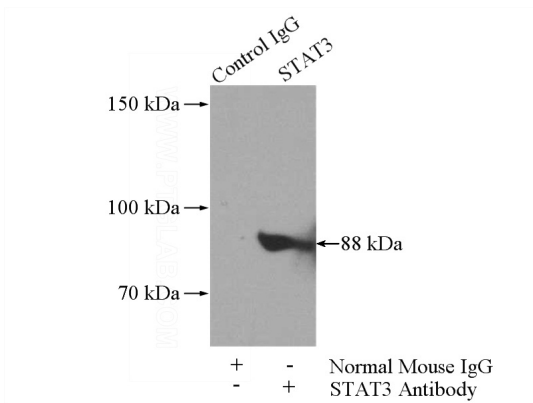
HeLa cells were subjected to SDS PAGE followed by western blot with Catalog No:107606(STAT3 antibody) at dilution of 1:1000



Immunohistochemical of paraffin-embedded human lung cancer using Catalog No:107606(STAT3 antibody) at dilution of 1:50 (under 40x lens)

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IP Result of anti-STAT3 (IP:Catalog No:107606, 5ug; Detection:Catalog No:107606 1:2000) with HeLa cells lysate 1400ug.

Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using Catalog No:107606(STAT3 Antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)