

# STAT3 antibody [9D8]

**Cat. No. GTX15789**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P, IP, ChIP assay
<b>Reactivity</b>	Human, Mouse, Rat, Primate

Reference ( 2 )  
Package  
100 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000
ICC/IF	1:100
IHC-P	1:1600
IP	2 µg
ChIP assay	1-3 µl

Not tested in other applications.

**Calculated MW** 88 kDa. ( [Note](#) )

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.1% BSA
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Residues 655-770 from human recombinant protein expressed in bacteria
<b>Purification</b>	Protein A purified
<b>Conjugation</b>	Unconjugated

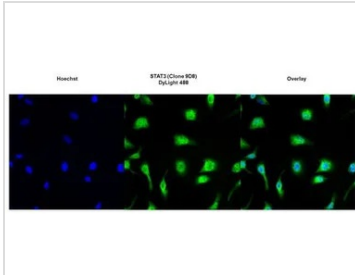


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**Note**

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**DATA IMAGES**

**GTX15789 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTX15789 STAT3 antibody [9D8].

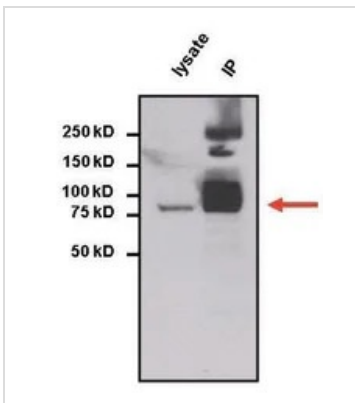
Green : Primary antibody

Blue : Nuclei

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 10 minutes

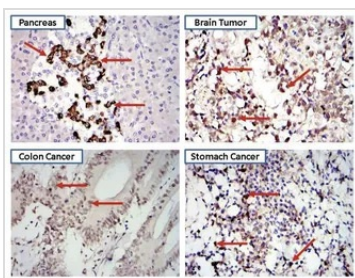
Dilution : 1:100 for at least 1 hour at room temperature


**GTX15789 IP Image**

IP analysis of HepG2 cell lysates using GTX15789 STAT3 antibody [9D8].

IP reaction : 2µg antibody / 750µg lysate

Dilution : 1:5000


**GTX15789 IHC-P Image**

IHC-P analysis of biopsies of normal and cancer tissues using GTX15789 STAT3 antibody [9D8].

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer for 20 minutes at 95°C

Dilution : 1:1600



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