

## Anti-STAT1 antibody

<b>Cat. No.</b>	ml220084
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-STAT1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Fusion protein of human STAT1
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.3 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	STAT1
<b>Full name</b>	Signal transducer and activator of transcription 1-alpha/beta
<b>Synonyms</b>	ISGF-3, STAT91
<b>Swissprot</b>	P42224

### Target 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.

订购热线: 4008-898-798

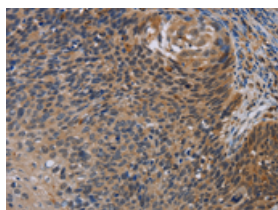
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human cervical cancer

Recommended dilution: 25-100

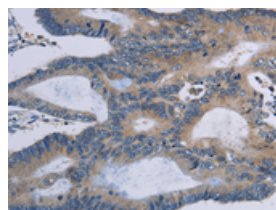


The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml220084(STAT1 Antibody) at dilution 1/20. (Original magnification: ×200)

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human colon cancer

Recommended dilution: 25-100



The image is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml220084(STAT1 Antibody) at dilution 1/20. (Original magnification: ×200)

### ELISA

Recommended dilution: 1000-2000

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