

Anti-STAT2 antibody

Cat. No.	ml261445
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-STAT2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human STAT2
Reactivity	Human
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	STAT2
Full name	signal transducer and activator of transcription 2, 113kDa

Synonyms P113; ISGF-3; STAT113

Swissprot P52630

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. In response to interferon (IFN), this protein forms a complex with STAT1 and IFN regulatory factor family protein p48 (ISGF3G), in which this protein acts as a transactivator, but lacks the ability to bind DNA directly. Transcription adaptor P300/CBP (EP300/CREBBP) has been shown to interact specifically with this protein, which is thought to be involved in the process of blocking IFN-alpha response by adenovirus.

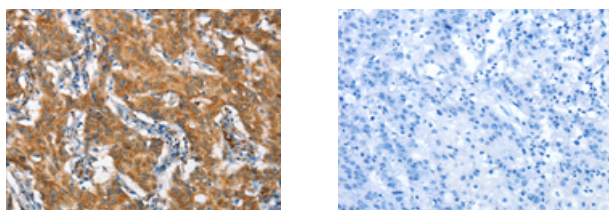
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human gasrtic cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using ml261445(STAT2 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size:98 kDa

Positive control:PC3 cells

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

Lysate: 40 μ g

Lane: PC3 cells

Primary antibody: ml261445(STAT2 Antibody) at dilution 1/800

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 2000-5000

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