



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

STAT2 monoclonal antibody (M01), clone 5G7

Catalog # : H00006773-M01

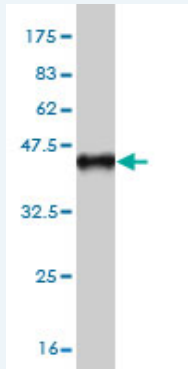
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant STAT2.
Immunogen:	STAT2 (AAH51284, 742 a.a. ~ 851 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KAGLDLGPELESVLESTLEPVIEPTLCMVSQTVPEPDQGPVSQPVPPEPD LPCDLRHLNTEPMEIFRNCVKIEEIMPNGDPLLAGQNTVDEVYVSRPSHFY TDGPLMPSDF
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.73 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

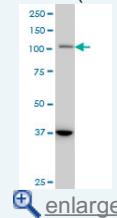
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

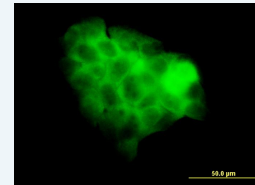
Application Image

Western Blot (Cell lysate)

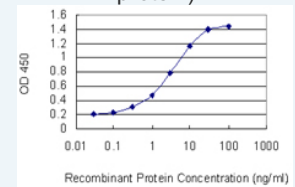


Western Blot (Recombinant protein)

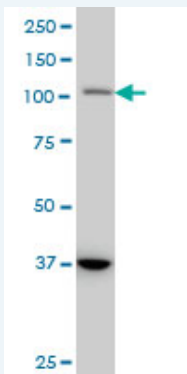
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



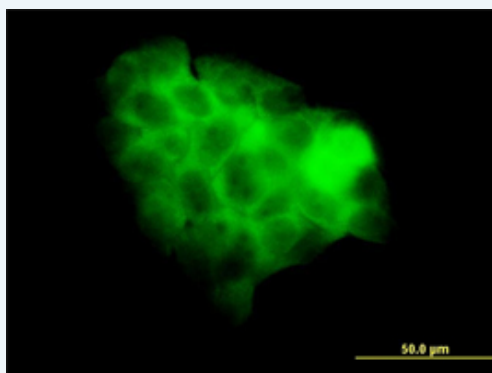
STAT2 monoclonal antibody (M01), clone 5G7 Western Blot analysis of STAT2 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

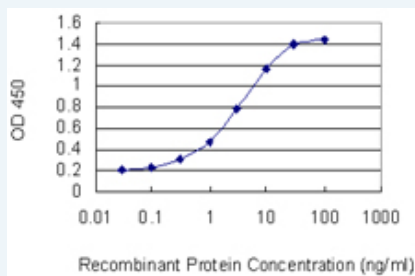


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to STAT2 on A-431 cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged STAT2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6773](#)

GeneBank [BC051284](#)

Accession#:

Protein [AAH51284](#)

Accession#:

Gene Name: STAT2

Gene Alias: ISGF-3,MGC59816,P113,STAT113

Gene Description: signal transducer and activator of transcription 2, 113kDa

Omim ID: [600556](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: interferon alpha induced transcriptional activator, signal transducer and activator of transcription 2

Gene Pathway

[Chemokine signaling pathway](#) [Jak-STAT signaling pathway](#)

Related Disease

[Asthma](#) [Asthma](#) [Birth Weight](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Glioblastoma](#) [Glioma](#) [Hepatitis C](#) [Hepatitis C, Chronic](#) [Leukemia](#) [Leukemia, Myeloid, Acute](#) [Liver Cirrhosis](#) [Meningeal Neoplasms](#) [Meningioma](#) [Multiple Sclerosis](#) [Neutropenia](#) [Thrombocytopenia](#)

... see more