



# 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

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# STAT4 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00006775-B01

規格 : [ 50 uL ]

[List All](#)

## Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human STAT4 protein.

**Immunogen:** STAT4 (AAH31212.1, 1 a.a. ~ 748 a.a) full-length human protein.

**Sequence:**  
 MSQWNQVQQLEIKFLEQVDQFYDDNFPMEIRHLLAQWIENQDWEAASN  
 NETMATILLQNLLIQLDEQLGRVSKEKNLLLIHNLKRIRKVLQGKFHGNPM  
 HVAVVISNCLREERRILAAANMPVQGPLEKSLQSSSVSERQRNVEHKVAAI  
 KNSVQMTREQDTKYLEDLQDEFDYRYKTIQTMDQSDKNSAMVNQEVLTL  
 QEMLSLDFKRKEALSKMTQIIHETDLLMNTMLIEELQDWKRRQQIACIG  
 GPLHNGLDQLQNCFTLLAESLFQLRRQLEKLEEQSTKMTYEGDPIPMQR  
 THMLERVTFLLIYNLFKNSFVVERQPCMPHPQRPLVLKTLIQFTVKLRLLI  
 KLPENLYQVKVAKASIDKNVSTLSNRRFVLCGTNVKAMSIEESSNGSLSVEF  
 RHLQPKEMKSSAGGKNEGCHMVTEELHSITFETQICLYGLTIDLETSSL  
 PVMISNVSQLPNAWASIIWYNVSTNDSQNLVFFNPPPATLSQLLEVMS  
 WQFSSYVGRGLNSDQLHMLAEKLTQSSYSYDGHLTWAKFCKEHLPGKS  
 FTFWTWLEAILDLIKKHILPLWIDGYVMGFVSKEKERLLLDKMPGTFLLR  
 FSEHLGGITFTWWDHSESGEVRFHSEVPEYNKGRLSALPFADILRDYKVI  
 MAENIPENPKLYLPDIPKDKAFGKHYSSQPCEVSRPTERGDGKYVPSVF  
 IPISTIRSDSTEPHSPDLLPMSPSVYAVLRENLSPTTIETAMKSPYSAE

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

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

**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:**  [Download](#)

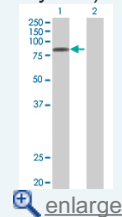
**Datasheet:**  [Download](#)


## Applications

**Western Blot (Transfected lysate)**

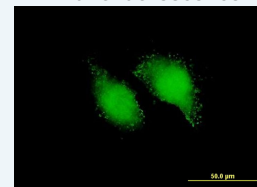
## Application Image

Western Blot (Transfected lysate)

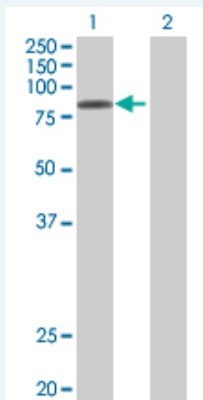


 [enlarge](#)

Immunofluorescence



 [enlarge](#)

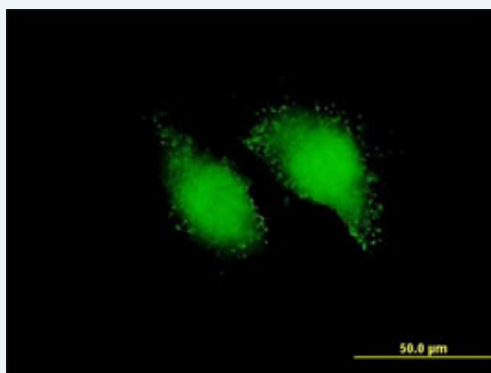


Western Blot analysis of STAT4 expression in transfected 293T cell line ([H00006775-T01](#)) by STAT4 MaxPab polyclonal antibody.

Lane 1: STAT4 transfected lysate(82.28 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Immunofluorescence



enlarge this image

Immunofluorescence of purified MaxPab antibody to STAT4 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

### Gene Information

**Entrez GeneID:** [6775](#)

**GeneBank** [NM\\_003151.2](#)  
**Accession#:**

**Protein** [AAH31212.1](#)  
**Accession#:**

**Gene Name:** STAT4

**Gene Alias:** SLEB11

**Gene** signal transducer and activator of transcription 4  
**Description:**

**Omim ID:** [152700](#), [180300](#), [600558](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a member of the STAT family of transcription factors. 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 is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. [provided by RefSeq]

Other OTTHUMP00000163553

**Designations:**

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**Gene Pathway**

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[Jak-STAT signaling pathway](#)

**Related Disease**

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[Antiphospholipid Syndrome](#) [Arthritis](#) [Arthritis, Juvenile Rheumatoid](#) [Arthritis, Rheumatoid](#) [Asthma](#) [Asthma](#) [Atherosclerosis](#) [Autoimmune Diseases](#) [Behcet Syndrome](#) [Birth Weight](#) [Brain Ischemia](#) [Bronchiolitis, Viral](#) [Cardiovascular Diseases](#) [Colitis, Ulcerative](#) [Crohn Disease](#) [Crohn's disease](#) [Diabetes Mellitus, Type 1](#) [Diabetes Mellitus, Type 2](#) [Disease Progression](#)

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