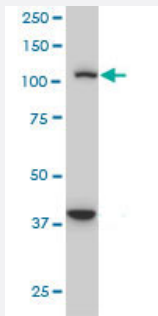


STAT2 monoclonal antibody (M02), clone 2E9

Catalog # H00006773-M02

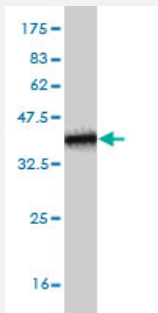
Size 100 ug

Applications



Western Blot (Cell lysate)

STAT2 monoclonal antibody (M02), clone 2E9 Western Blot analysis of STAT2 expression in A-431 (Cat # L015V1).



Western Blot detection against Immunogen (37.73 KDa) .

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	KAGLDLGPELESVLESTLEPVIEPTLCMVSTVPEPDQGPVSQPVPEPDLPCLRLHNTPEMEIF RNCVKIEEIMPNGDPLLAGQNTVDEVVSRPSHFYTDGPLMPSPDF
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (33); Rat (50)
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.

Applications

- Western Blot (Cell lysate)

STAT2 monoclonal antibody (M02), clone 2E9 Western Blot analysis of STAT2 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — STAT2

Entrez GeneID	6773
GeneBank Accession#	BC051284
Protein Accession#	AAH51284
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

Pathway

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

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)

- [Neutropenia](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)