Mouse STAT1 Monoclonal Antibody | anti-STAT1 antibody

STAT1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320379	**Mouse**	**Human, Monkey**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

STAT1; Monoclonal Antibody; STAT1 Mouse mAb; Signal transducer and activator of transcription 1 91kD; DKFZp686B04100; ISGF 3; ISGF-3; OTTHUMP00000163552; OTTHUMP00000165046; OTTHUMP00000165047; OTTHUMP00000205845; Signal transducer and activator of transcription 1 91kDa; Signal transducer and activator of transcription 1 alpha/beta; Signal transducer and activator of transcription 1; 91kD; Signal transducer and activator of transcription 1-alpha/beta; Signal Transductor and Activator of Transcription 1; STAT 1; STAT 91; Stat1; STAT1_HUMAN; STAT91; Transcription factor ISGF 3 components p91 p84; Transcription factor ISGF-3 components p91/p84.; anti-STAT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of total STAT1 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-STAT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Purified recombinant human STAT1 protein fragments expressed in E coli
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

IP (Immunoprecipitation)
Immunoprecipitation analysis of Hela cell lysates using STAT1 mouse mAb.

WB (Western Blot)
Western blot detection of STAT1 in Hela.MCF7.COS7.SW480 and A549 cell lysates using STAT1 mouse mAb (1:1000 diluted).Predicted band size:91KDa.Observed band size:91KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT1 antibody	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. [provided by RefSeq, Jul 2008]

Product Categories/Family for anti-STAT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6274552
NCBI GeneID	6772
NCBI Accession #	NP_009330.1
NCBI GenBank Nucleotide #	NM_007315.3
UniProt Accession #	P42224; Q53S88; Q53XW4; Q68D00; Q9UDL5; A8K989; B2RCA0; D2KFR8; D3DPI7
Molecular Weight	87,335 Da
NCBI Official Full Name	signal transducer and activator of transcription 1-alpha/beta isoform alpha
NCBI Official Synonym Full Names	signal transducer and activator of transcription 1, 91kDa
NCBI Official Symbol	STAT1
NCBI Official Synonym Symbols	CANDF7; ISGF-3; STAT91
NCBI Protein Information	signal transducer and activator of transcription 1-alpha/beta; transcription factor ISGF-3 components p91/p84; signal transducer and activator of transcription-1
UniProt Protein Name	Signal transducer and activator of transcription 1-alpha/beta
UniProt Gene Name	**STAT1**
UniProt Entry Name	STAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/stat1-antibody-immunoprecipitation-western-blot-elisa/320379