

Mouse anti-Human STAT1 Monoclonal Antibody | anti-STAT1 antibody

Mouse Monoclonal [clone AT1FA] (IgG1,k) to Human STAT1

CATALOG # AAA52537	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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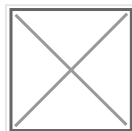
PRODUCT SYNONYMS

STAT1; Monoclonal Antibody; Mouse Monoclonal [clone AT1FA] (IgG1; k) to Human STAT1; Anti-STAT1 Antibody (clone AT1FA) IHC-plus; ISGF-3; STAT91; CANDF7; Human STAT1; anti-STAT1 antibody

PRODUCT SPECIFICATIONS

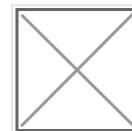
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	AT1FA
Specificity	Human STAT1
Purity/Purification	Protein A Purified
Form/Format	Supplied in PBS, pH 7.4, 10% glycerol, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	750
Applicable Applications for anti-STAT1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human STAT1 (1-712aa) purified from E Coli.
Immunogen Type	Recombinant protein
Immunogen	STAT1 antibody was raised against recombinant human STAT1 (1-712aa) purified from E Coli.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

Western Blot: The HepG2 cell lysate (50 ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human STAT1 antibody (1:500, 1:1000, 1:2000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



IHC (Immunohistochemistry)

Anti-STAT1 antibody IHC staining of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT1 antibody	STATs (signal transducers and activators of transcription) are a family of cytoplasmic latent transcription factors that are activated to regulate gene expression in response to a large number of extracellular signaling polypeptides including cytokines, interferons, and growth factors. After phosphorylation by JAK tyrosine kinases, STATs enter the nucleus to regulate transcription of many different genes.
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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	83,043 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; IMD31A; IMD31B; IMD31C; 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; signal transducer and activator of transcription 1, 91kD
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-clone-at1fa-western-blot-immunohistochemistry-elisa/52537>