

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

STAT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312186	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

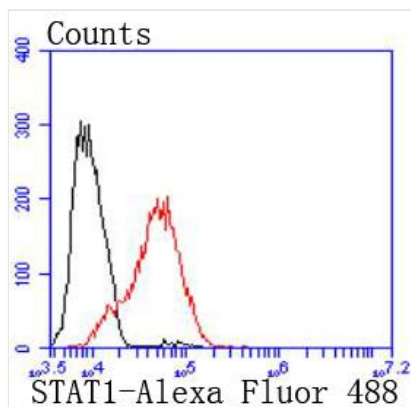
PRODUCT SYNONYMS

STAT1; Monoclonal Antibody; STAT1 Antibody; Signal transducer and activator of transcription 1 91kD antibody; CANDF7 antibody; DKFZp686B04100 antibody; IMD31A antibody; IMD31B antibody; IMD31C antibody; ISGF 3 antibody; ISGF-3 antibody; OTTHUMP00000163552 antibody; OTTHUMP00000165046 antibody; OTTHUMP00000165047 antibody; OTTHUMP00000205845 antibody; Signal transducer and activator of transcription 1 91kDa antibody; Signal transducer and activator of transcription 1 antibody; Signal transducer and activator of transcription 1; 91kD antibody; Signal transducer and activator of transcription 1-alpha/beta antibody; STAT 1 antibody; Stat1 antibody; STAT1_HUMAN antibody; STAT91 antibody; Transcription factor ISGF 3 components p91 p84 antibody; Transcription factor ISGF-3 components p91/p84 antibody; anti-STAT1 antibody

PRODUCT SPECIFICATIONS

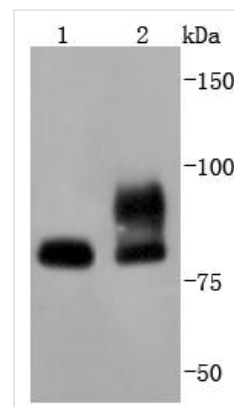
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	SJ01-89
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-STAT1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells with STAT1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



WB (Western Blot)

Western blot analysis of STAT1 on different lysates using anti-STAT1 antibody at 1/1, 000 dilution. Positive control: Lane 1: 293 Lane 2: NIH/3T3

ADDITIONAL INFORMATION

Related Product Information for anti-STAT1 antibody	Membrane receptor signaling by various ligands, including interferons and growth hormones such as EGF, induces activation of JAK kinases which then leads to tyrosine phosphorylation of the various Stat transcription factors. Stat1 and Stat2 are induced by IFN-alpha and form a heterodimer which is part of the ISGF3 transcription factor complex. Although early reports indicate Stat3 activation by EGF and IL-6, it has been shown that Stat3beta appears to be activated by both while Stat3alpha is activated by EGF, but not by IL-6. Highest expression of Stat4 is seen in testis and myeloid cells. IL-12 has been identified as an activator of Stat4. Stat5 has been shown to be activated by Prolactin and by IL-3. Stat6 is involved in IL-4 activated signaling pathways.
Product Categories/Family for anti-STAT1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	126012562
NCBI GeneID	4035
NCBI Accession #	NP_002323.2
NCBI GenBank Nucleotide #	NM_002332.2
UniProt Accession #	Q07954; Q2PP12; Q8IVG8
Molecular Weight	504,606 Da
NCBI Official Full Name	prolow-density lipoprotein receptor-related protein 1
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 1
NCBI Official Symbol	LRP1
NCBI Official Synonym Symbols	APR; LRP; A2MR; CD91; APOER; LRP1A; TGFB5; IGFBP3R
NCBI Protein Information	prolow-density lipoprotein receptor-related protein 1; LRP-1; type V tgf-beta receptor; apolipoprotein E receptor; alpha-2-macroglobulin receptor; TbetaR-V/LRP-1/IGFBP-3 receptor
UniProt Protein Name	Prolow-density lipoprotein receptor-related protein 1
UniProt Gene Name	LRP1
UniProt Synonym Gene Names	A2MR; APR; LRP-1; A2MR; APOER; LRP-85; LRP-515; LRPICD
UniProt Entry Name	LRP1_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-sj01-89-flow-cytometry-immunoprecipitation-western-blot-elisa/312186>