

Mouse STAT6 Monoclonal Antibody | anti-STAT6 antibody

STAT6 antibody

CATALOG # AAA225019	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, ELISA
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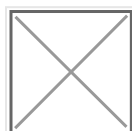
PRODUCT SYNONYMS

STAT6; Monoclonal Antibody; STAT6 antibody; Mouse monoclonal STAT6 antibody; Monoclonal STAT6 antibody; Anti-STAT6 antibody; Signal transducer and activator of transcription 6 antibody; STAT6B antibody; STAT6C antibody; D12S1644 antibody; IL-4-STAT antibody; STAT 6; STAT-6; STAT 6 antibody; STAT-6 antibody; anti-STAT6 antibody

PRODUCT SPECIFICATIONS

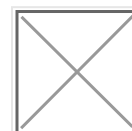
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7D3
Form/Format	Liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	737
Applicable Applications for anti-STAT6 antibody	WB (Western Blot), IF (Immunofluorescence), ELISA
Immunogen	STAT6 antibody was raised in Mouse using a purified recombinant fragment of human STAT6 expressed in E Coli as the immunogen.
Cross-Reactivity	Human, Mouse, Rat, Monkey
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot showing STAT6 antibody used against HEK293 (1), NIH/3T3 (2), MCF-7 (3), Raw246.7 (4) and PC-12 (5) cell lysate.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using STAT6 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin

ADDITIONAL INFORMATION

Related Product Information for anti-STAT6 antibody	STAT6 protein is a transcription factor activated by cytokines, particularly interleukin 4 and IL 13. STAT6 was found to be deficient in IL 4 mediated functions including Th2 helper T cell differentiation, expression of cell surface markers, T cell proliferation, immunoglobulin class switching to IgE, and partial loss of IL 4 mediated proliferation. STAT6 mRNA has been detected in peripheral blood lymphocytes, colon, intestine, ovary, prostate, thymus, spleen, kidney, liver, lung and placenta. STAT6 is critically involved in Th2 immune response.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296010870
NCBI GeneID	6778
NCBI Accession #	NP_001171552.1
NCBI GenBank Nucleotide #	NM_001178081.1
Molecular Weight	81,748 Da
NCBI Official Full Name	signal transducer and activator of transcription 6 isoform 2
NCBI Official Synonym Full Names	signal transducer and activator of transcription 6
NCBI Official Symbol	STAT6
NCBI Official Synonym Symbols	STAT6B; STAT6C; D12S1644; IL-4-STAT
NCBI Protein Information	signal transducer and activator of transcription 6
UniProt Protein Name	Signal transducer and activator of transcription 6
UniProt Gene Name	STAT6

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/stat6-antibody-clone-7d3-western-blot-immunofluorescence-elisa/225019>