

Mouse STAT6 Antibody | anti-STAT6 antibody

STAT6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108715	Mouse	Human, Mouse, Rat, Monkey	ELISA, Immunofluorescence, Western Blot

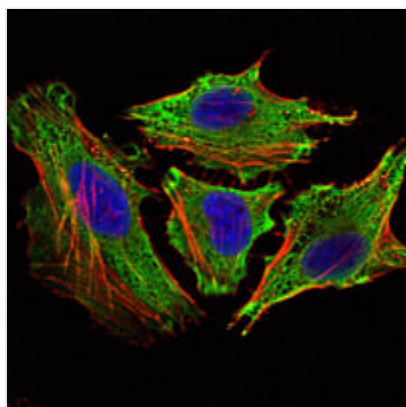
PRODUCT SYNONYMS

STAT6; STAT6 Antibody; STAT6B; STAT6C; D12S1644; IL-4-STAT; anti-STAT6 antibody

PRODUCT SPECIFICATIONS

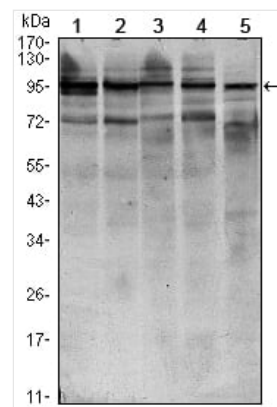
Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Isotype	IgG1
Clone Number	7D3
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	847
Applicable Applications for anti-STAT6 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human STAT6 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IF (Immunofluorescence)

Figure 2. Immunofluorescence analysis of HeLa cells using STAT6 mouse mAb (green). Blue. DRAQ5 fluorescent DNA dye. Red. Actin filaments have been labeled with Alexa Fluor-555 phalloidin



WB (Western Blot)

Figure 1. Western blot analysis using STAT6 mouse mAb against HEK293 (1), NIH/3T3 (2), MCF-7 (3), Raw246.7 (4) and PC-12 (5) cell lysate.

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^{-/-}) were 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.

Product Categories/Family for anti-STAT6 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296010864
NCBI GeneID	6778
NCBI Accession #	NP_001171549.1
NCBI GenBank Nucleotide #	NM_001178078.1
UniProt Accession #	P42226; Q5FBW5; Q71UP4; A8K316; B7ZA27; F5GXI9
Molecular Weight	94kDa
NCBI Official Full Name	signal transducer and activator of transcription 6 isoform 1
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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-monkey-mouse-rat-antibody/stat6/108715>