

Mouse anti-Human STAT6 Monoclonal Antibody | anti-STAT6 antibody

Anti-STAT6 Antibody (clone 6C10)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162238	Mouse	Human	Western Blot, Immunohistochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

STAT6; Monoclonal Antibody; Anti-STAT6 Antibody (clone 6C10); Rabbit Polyclonal (IgG) to Human STAT6; D12S1644; IL-4-STAT; Stat-6; STAT6B; STAT6C; STAT; interleukin4-induced; IL-4 Stat; Transcription factor IL-4 STAT; anti-STAT6 antibody

PRODUCT SPECIFICATIONS

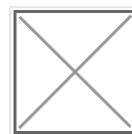
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	6C10
Specificity	Human STAT6
Purity/Purification	Purified from ascites by Protein A
Form/Format	PBS, pH 7.4.
Sequence Length	847
Applicable Applications for anti-STAT6 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Immunogen	STAT6 (NP_003144, 695 a.a. ~ 804 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C or lower. Aliquot to avoid repeated freezing and thawing.

IMAGES



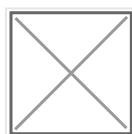
ELISA

Detection limit for recombinant GST tagged STAT6 is approximately 0.1 ng/ml as a capture antibody.



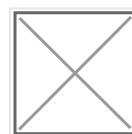
WB (Western Blot)

Western blot of STAT6 expression in transfected 293T cell line by antibody



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to STAT6 on HeLa cell. [antibody concentration 10 ug/ml]



IHC (Immunohistochemistry)

Anti-STAT6 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT6 antibody	STAT6 is a member of the STAT family of transcription factors. 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 plays a central role in exerting IL4 mediated biological responses. It is found to induce the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23397678
NCBI GeneID	6778
NCBI Accession #	NP_003144.3
NCBI GenBank Nucleotide #	NM_003153.4
UniProt Accession #	P42226; Q5FBW5; Q71UP4; A8K316; B7ZA27; F5GXI9
Molecular Weight	81,748 Da
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/monoclonal/stat6-antibody-clone-6c10-western-blot-immunohistochemistry-immunofluorescence-elisa/162238>