

Mouse STAT5A Monoclonal Antibody | anti-STAT5A antibody

STAT5A antibody

CATALOG # AAA108246	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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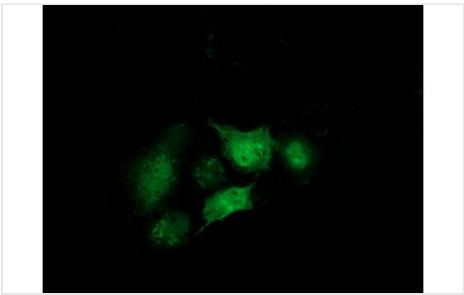
PRODUCT SYNONYMS

STAT5A; Monoclonal Antibody; STAT5A antibody; Monoclonal STAT5A; Anti-STAT5A; Signal transducer and activator of transcription 5A; MGF; STAT5; STATA 5; STATA-5; anti-STAT5A antibody

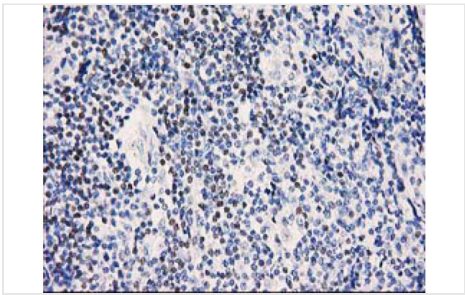
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	6D6
Purity/Purification	STAT5A antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	51
Applicable Applications for anti-STAT5A antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	STAT5A 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 is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with aTEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis.
Cross-Reactivity	Human
Immunogen	STAT5A antibody was raised in mouse using a full length recombinant protein of human STAT5A (NP_003143) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

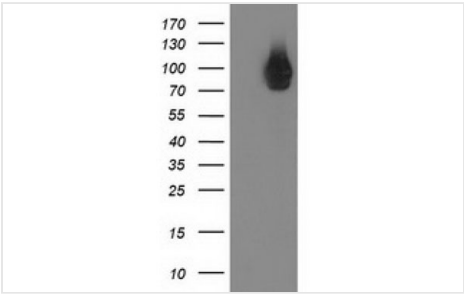
IMAGES



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant STAT5A protein using STAT5A antibody



IHC (Immunohistochemistry)
Immunohistochemical analysis of STAT5A protein in paraffin embedded Human lymphoma tissue using STAT5A antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant STAT5A protein (Right) or empty vector (Left) detected with STAT5A antibody

ADDITIONAL INFORMATION

Related Product Information for anti-STAT5A antibody	Mouse monoclonal STAT5A antibody
Product Categories/Family for anti-STAT5A antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	620598546
Molecular Weight	6,170 Da
NCBI Official Full Name	STAT5A, partial
UniProt Protein Name	STAT5A
UniProt Gene Name	STAT5A
UniProt Entry Name	A0A023VXS8_BUBBU

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/stat5a-antibody-clone-6d6-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/108246>