

Mouse STAT5A Monoclonal Antibody | anti-STAT5A antibody

Anti-STAT5A Antibody (clone 9F7) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12377	Mouse	Dog, Rat, Human, Monkey	Immunohistochemistry, Immunofluorescence, Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

STAT5A; Monoclonal Antibody; Anti-STAT5A Antibody (clone 9F7) IHC-plus; Mouse Monoclonal [clone 9F7] (IgG1) to Human STAT5A; Human STAT5A; MGF; STAT5; anti-STAT5A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Dog, Rat, Human, Monkey
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9F7
Specificity	Human STAT5A / STAT5
Purity/Purification	Protein A/G purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	0.73 mg/ml (varies by lot)
Sequence Length	794
Applicable Applications for anti-STAT5A antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry (1:100) IF (1:100) IHC-P (10 ug/ml) WB (1:500 - 1:2000)
Immunogen	STAT5A antibody was raised against full length human recombinant protein of human STAT5A (NP_003143) produced in HEK293T cell.
Immunogen Description	Full length human recombinant protein of human STAT5A (NP_003143) produced in HEK293T cell.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



FCM (Flow Cytometry)
Flow cytometry of Jurkat cells, using anti-STAT5A antibody (Red), compared to a nonspecific negative control antibody (Blue).



FCM (Flow Cytometry)
Flow cytometry of HeLa cells, using anti-STAT5A antibody (Red), compared to a nonspecific negative control antibody (Blue).



WB (Western Blot)
Western blot of extracts (35 ug) from 9 different cell lines by using anti-STAT5A monoclonal antibody.



WB (Western Blot)
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STAT5A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-STAT5A.



IF (Immunofluorescence)
Anti-STAT5A mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY STAT5A.



IHC (Immunohistochemistry)
Anti-STAT5A antibody IHC staining of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT5A antibody	STAT5A Antibody, MGF Antibody, STAT5 Antibody Description: 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618342
NCBI GeneID	6776
NCBI Accession #	NP_003143.2
NCBI GenBank Nucleotide #	NM_003152.3
UniProt Accession #	P42229; Q1KLZ6
Molecular Weight	86,949 Da
NCBI Official Full Name	signal transducer and activator of transcription 5A isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5A
NCBI Official Symbol	STAT5A
NCBI Official Synonym Symbols	MGF; STAT5
NCBI Protein Information	signal transducer and activator of transcription 5A
UniProt Protein Name	Signal transducer and activator of transcription 5A
UniProt Gene Name	STAT5A
UniProt Synonym Gene Names	STAT5

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-9f7-immunohistochemistry-immunofluorescence-western-blot-flow-cytometry-elisa/12377>