

Rabbit STAT5b Monoclonal Antibody | anti-STAT5b antibody

Recombinant STAT5b Monoclonal Antibody

CATALOG # AAA178824	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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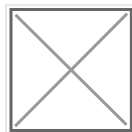
PRODUCT SYNONYMS

STAT5b; Monoclonal Antibody; Recombinant STAT5b Monoclonal Antibody; STAT5; STAT5B; anti-STAT5b antibody

PRODUCT SPECIFICATIONS

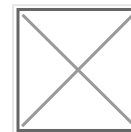
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R08-2I8
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-STAT5b antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human STAT5b
Research Area	Cancer, Epigenetics and Nuclear Signaling, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of STAT5b in paraffin-embedded Human breast cancer tissue using STAT5b Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of STAT5b in HeLa,A549,HL-60 using STAT5b Rabbit mAb(1:1000 diluted)

ADDITIONAL INFORMATION

Related Product Information for anti-STAT5b antibody	STAT5B belongs to the transcription factor STAT family. 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. STAT5B carries out a dual function: signal transduction and activation of transcription. STAT5B mediates the signal transduction triggered by various cell ligands,such as IL2,IL4,CSF1,and different growth hormones. It has been shown to be involved in diverse biological processes,such as TCR signaling,apoptosis,adult mammary gland development,and sexual dimorphism of liver gene expression.
Product Categories/Family for anti-STAT5b antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618344
NCBI GeneID	6777
NCBI Accession #	NP_036580.2
NCBI GenBank Nucleotide #	NM_012448.3
UniProt Accession #	P51692; Q8WWS8
Molecular Weight	89,866 Da
NCBI Official Full Name	signal transducer and activator of transcription 5B
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5B
NCBI Official Symbol	STAT5B
NCBI Official Synonym Symbols	STAT5
NCBI Protein Information	signal transducer and activator of transcription 5B; transcription factor STAT5B
UniProt Protein Name	Signal transducer and activator of transcription 5B
UniProt Gene Name	STAT5B
UniProt Entry Name	STA5B_HUMAN

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/stat5b-antibody-clone-r08-2i8-immunohistochemistry-western-blot-elisa/178824>