

STAT5A recombinant antibody

Rabbit anti-STAT5a Recombinant Monoclonal Antibody [BLR124H]

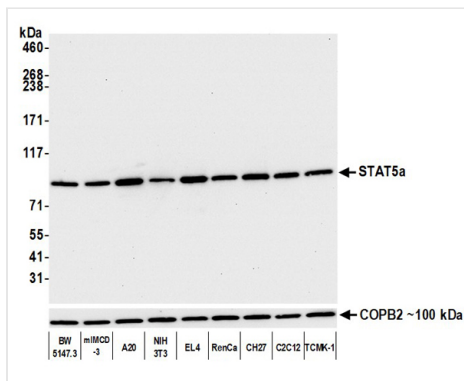
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23841	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

STAT5a; Monoclonal Recombinant Antibody; Rabbit anti-STAT5a Recombinant Monoclonal Antibody [BLR124H]; signal transducer and activator of transcription 5A; STAT5; epididymis secretory sperm binding protein; MGF; Signal transducer and activator of transcription 5A; STAT5A recombinant antibody

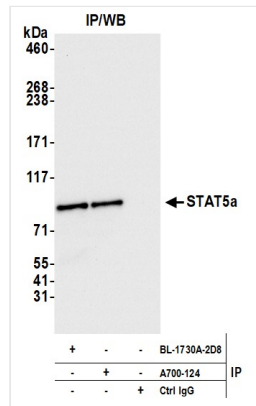
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR124H
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for STAT5A recombinant antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IP: 20 ul/mg lysate IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections. FC/FACS: Fixed in 4% formaldehyde and permeabilized with 90% methanol. 2 ul per 1 x 10 ⁶ cells.
Immunogen	Between 744 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



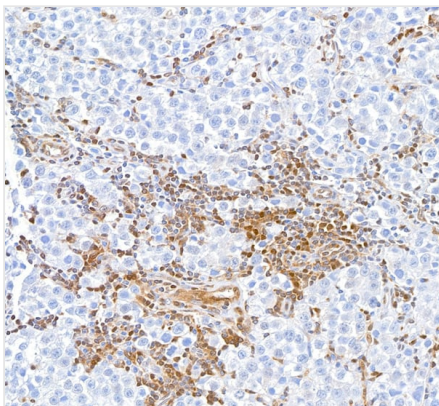
WB (Western Blot)

Detection of mouse STAT5a by western blot. Samples: Whole cell lysate (10 ug) from BW5147.3, mIMCD-3, A20, NIH 3T3, EL4, RenCa, CH27, C2C12, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-STAT5a recombinant monoclonal antibody (AAA23841 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds.



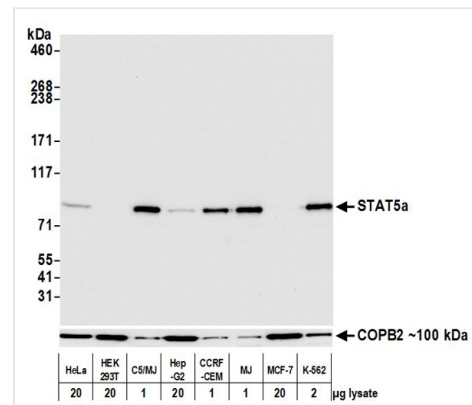
IP (Immunoprecipitation)

Detection of human STAT5a by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-STAT5a recombinant monoclonal antibody (AAA23841 lot 1) used for IP at 20 μ l/mg lysate. STAT5a was also immunoprecipitated by rabbit anti-STAT5a antibody BL-1730A-ZD8. For blotting immunoprecipitated STAT5a, AAA23841 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 seconds.



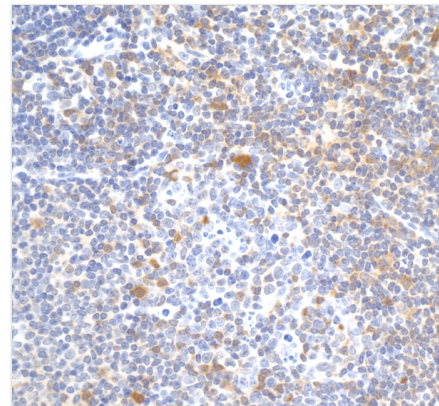
IHC (Immunohistochemistry)

Detection of human STAT5a in FFPE testicular seminoma by immunohistochemistry.
Antibody: Rabbit anti-STAT5a recombinant monoclonal antibody (AAA23841). Secondary:
HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



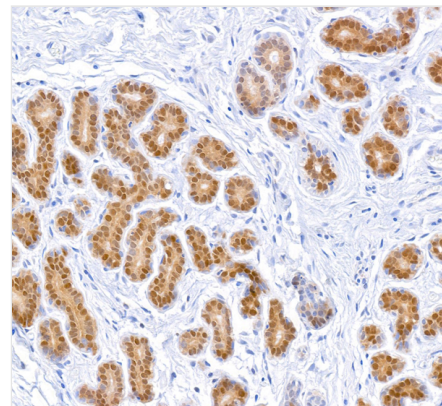
WB (Western Blot)

Detection of human STAT5a by western blot. Samples: Whole cell lysate from HeLa, HEK293T, C5/MJ, Hep-G2, CCRF-CEM, MJ, MCF-7, and K-562 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-STAT5a recombinant monoclonal antibody (AAA23841 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of mouse STAT5a in FFPE spleen by immunohistochemistry. Antibody: Rabbit anti-STAT5a recombinant monoclonal antibody (AAA23841 Lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



IHC (Immunohistochemistry)

Detection of human STAT5a in FFPE breast carcinoma by immunohistochemistry. Antibody: Rabbit anti-STAT5a recombinant monoclonal antibody (AAA23841 Lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for STAT5A recombinant antibody	Signal transducer and activator of transcription 5a (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 [taken from NCBI Entrez Gene (Gene ID: 6776)].
Product Categories/Family for STAT5A recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618342
NCBI GeneID	6776
NCBI Accession #	NP_003143.2
NCBI GenBank Nucleotide #	NM_003152.3
UniProt Accession #	P42229
Molecular Weight	90,647 Da
NCBI Official Full Name	signal transducer and activator of transcription 5A
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
UniProt Entry Name	STA5A_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/stat5a-recombinant-antibody-clone-blr124h-western-blot-immunoprecipitation-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/23841>