

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

SGTA antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48219	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

SGTA; Monoclonal Antibody; SGTA antibody; Small glutamine-rich tetratricopeptide repeat-containing protein alpha; alphaSGT; hSGT; SGT; Small glutamine-rich tetratricopeptide repeat-containing protein alpha Small glutamine rich tetratricopeptide repeat TPR containing alpha; uBP; Vpu binding protein.; anti-SGTA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	AT19E8
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	313
Applicable Applications for anti-SGTA antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human SGTA (1-313aa) purified from E. coli
Clone Note	Anti-human SGTA mAb, clone AT19E8, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human SGTA protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of SGTA in Hep3B cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human SGTA antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human SGTA antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: K562 cell lysate Lane 3.: A549 cell lysate Lane 4.: MCF7 cell lysate Lane 5.: LNCaP cell lysate Lane 6.: 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SGTA antibody	SGTA, also known as SGT or hSGT, is a ubiquitously expressed protein that contains three TPR protein-protein interaction repeats. This protein is believed to function as a component of the androgen receptor (AR)-chaperone-cochaperone complex, acting as a cochaperone involved in androgen signaling. In addition, SGTA functions as a cochaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity. On the basis of its role in apoptosis and androgen signaling, SGTA is a potential candidate for PCOS (polycystic ovary syndrome), a disorder characterized by androgen excess, obesity and menstrual disturbances.
Product Categories/Family for anti-SGTA antibody	Apoptosis
References	Andreyeva A., et al. (2010) PLoS One. 5: e12018.; Cziepluch C., et al. (1998) J Virol. 72 (5): 4149-56.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506921
NCBI GeneID	6449
NCBI Accession #	NP_003012
NCBI GenBank Nucleotide #	NM_003021.3
UniProt Accession #	O43765 ; Q6FIA9 ; Q9BTZ9 ; D6W610
Molecular Weight	34,063 Da
NCBI Official Full Name	small glutamine-rich tetratricopeptide repeat-containing protein alpha
NCBI Official Synonym Full Names	small glutamine rich tetratricopeptide repeat containing alpha
NCBI Official Symbol	SGTA
NCBI Official Synonym Symbols	SGT; hSGT; alphaSGT
NCBI Protein Information	small glutamine-rich tetratricopeptide repeat-containing protein alpha
UniProt Protein Name	Small glutamine-rich tetratricopeptide repeat-containing protein alpha
UniProt Gene Name	SGTA
UniProt Synonym Gene Names	SGT; SGT1; UBP

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/sgta-antibody-clone-at19e8-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48219>