

Mouse anti-Human S100A11 Monoclonal Antibody | anti-S100A11 antibody

S100A11 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48252	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

S100A11; Monoclonal Antibody; S100A11 antibody; S100 calcium binding protein A11; MLN70; S100C; anti-S100A11 antibody

PRODUCT SPECIFICATIONS

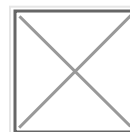
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	AT20D11
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	105
Applicable Applications for anti-S100A11 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human S100A11 (1-105aa) purified from E. coli
Clone Note	Anti-human S100A11 mAb, clone AT20D11, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human S100A11 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 S100A11 in A549 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human S100A11 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 S100A11 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. : MCF7 cell lysate Lane 3. : PC3 cell lysate Lane 4. : HaCaT cell lysate Lane 5. : THP1 cell lysate Lane 6. : U87MG cell lysate Lane 7. : A427 cell lysate Lane 8. : SK-OV-3 cell lysate Lane 9. : A549 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-S100A11 antibody	S100A11 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. This protein may function in motility, invasion, and tubulin polymerization.
Product Categories/Family for anti-S100A11 antibody	Cell Cycle
References	Sakaguchi M., et al. (2003) J Cell Biol. 163: 825-35.; Settmacher U., et al. (2005) Int. J. Oncol. 28: 195-200.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032057
NCBI GeneID	6282
NCBI Accession #	NP_005611
NCBI GenBank Nucleotide #	NM_005620.1
UniProt Accession #	P31949; Q5VTK0
Molecular Weight	11,740 Da
NCBI Official Full Name	protein S100-A11
NCBI Official Synonym Full Names	S100 calcium binding protein A11
NCBI Official Symbol	S100A11
NCBI Official Synonym Symbols	MLN70; S100C; HEL-S-43
NCBI Protein Information	protein S100-A11
UniProt Protein Name	Protein S100-A11
UniProt Gene Name	S100A11
UniProt Synonym Gene Names	MLN70; S100C; MLN 70

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.