

Mouse S100A1 Monoclonal Antibody | anti-S100A1 antibody

S100A1 antibody

CATALOG # AAA106217	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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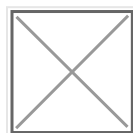
PRODUCT SYNONYMS

S100A1; Monoclonal Antibody; S100A1 antibody; Monoclonal S100A1; Anti-S100A1; S100; SA1-100; SA1 100; S100a; S100 calcium binding protein A1; anti-S100A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2C8B8; 2C8E8; 3C8D8
Form/Format	Ascitic fluid with 0.03% NaN ₃
Concentration	100ug per vial (varies by lot)
Sequence Length	94
Applicable Applications for anti-S100A1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	S100A1 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and 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. S100A1 is expressed by striated muscle, endothelium and chondrocytes. Intracellularly, S100A1 regulates cytosolic Ca levels, and is part of the Hsp70/Hsp90 mutlichaperone complex that protects against protein denaturation.
Cross-Reactivity	Human
Immunogen	S100A1 antibody
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot showing S100A antibody used against truncated S100A recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A1 antibody	Mouse monoclonal S100A1 antibody
Product Categories/Family for anti-S100A1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	56205588
UniProt Accession #	P23297; Q5T7Y3; B2R5D9
Molecular Weight	10,546 Da
UniProt Protein Name	Protein S100-A1
UniProt Gene Name	S100A1
UniProt Synonym Gene Names	S100A
UniProt Entry Name	S10A1_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/s100a1-antibody-clone-2c8b8-2c8e8-3c8d8-western-blot-immunohistochemistry-elisa/106217>