

Mouse anti-Human S100 CalcuM Binding Protein (S100) Monoclonal Antibody | anti-S100 antibody

Monoclonal Antibody to S100 CalcuM Binding Protein (S100)

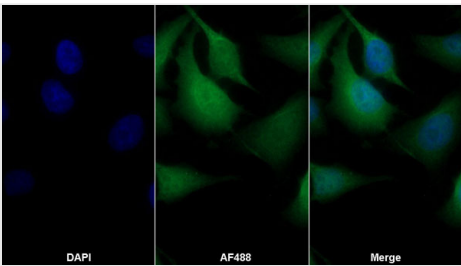
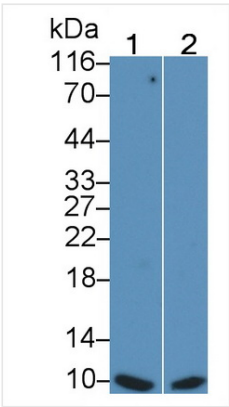
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152658	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

S100 CalcuM Binding Protein (S100); Monoclonal Antibody; Monoclonal Antibody to S100 CalcuM Binding Protein (S100); S100 CalcuM Binding Protein; S100-A1; S100A1; S100-Alpha; S-100 Protein; S-100 protein subunit alpha; S-100 protein alpha chain; anti-S100 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	C10
Specificity	The antibody is a mouse monoclonal antibody raised against S100. It has been selected for its ability to recognize S100 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Met1~Ser94
Applicable Applications for anti-S100 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant S100 CalcuM Binding Protein (S100)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



IF (Immunofluorescence)
AF488 staining on IF;Sample: HepG2 cellPrimary Ab: 30ug/ml Mouse Anti-human S100
AntibodySecond Ab: 2 ug/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Lane1: HT1080 cell lysate; Lane2: HepG2 cell lysate Primary Ab: 0.2
ug/ml Mouse Anti-human S100 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-
Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-S100 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454032
NCBI GeneID	6271
NCBI Accession #	NP_006262.1
NCBI GenBank Nucleotide #	NM_006271.1
UniProt Accession #	P23297; Q5T7Y3; B2R5D9
Molecular Weight	10,546 Da
NCBI Official Full Name	protein S100-A1
NCBI Official Synonym Full Names	S100 calcium binding protein A1
NCBI Official Symbol	S100A1
NCBI Official Synonym Symbols	S100; S100A; S100-alpha
NCBI Protein Information	protein S100-A1; S100 alpha; S-100 protein alpha chain; S-100 protein subunit alpha; S100 calcium-binding protein A1; S100 protein, alpha polypeptide
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/s100-calcum-binding-protein-s100-antibody-clone-c10-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152658>