

Mouse anti-Human, Pig S100 CalcuM Binding Protein A2 (S100A2) Monoclonal Antibody | anti-S100A2 antibody

Monoclonal Antibody to S100 CalcuM Binding Protein A2 (S100A2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152902	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

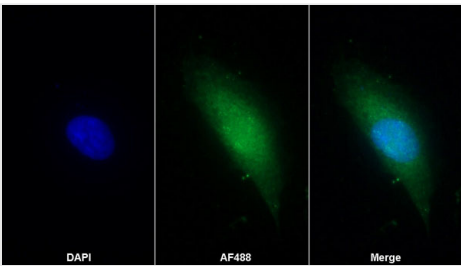
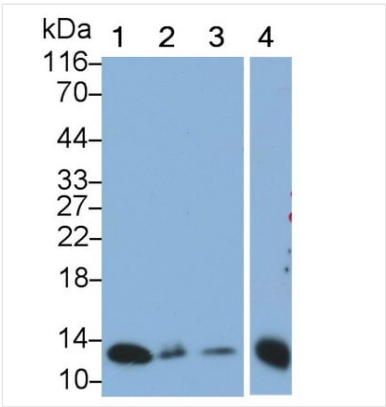
PRODUCT SYNONYMS

S100 CalcuM Binding Protein A2 (S100A2); Monoclonal Antibody; Monoclonal Antibody to S100 CalcuM Binding Protein A2 (S100A2); S100 CalcuM Binding Protein A2; S100-A2; CAN19; S100L; anti-S100A2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against S100A2. It has been selected for its ability to recognize S100A2 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Met2~Pro98
Applicable Applications for anti-S100A2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
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.

IMAGES



IF (Immunofluorescence)
AF488 staining on IF;Sample: U2OS cellPrimary Ab: 30ug/ml Mouse Anti-human S100A2
AntibodySecond Ab: 2 ug/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Lane1: Porcine Esophagus; Lane2: Porcine Stomach lysate; Lane3: Porcine Skin lysate; Lane4: A431 cell lysate Primary Ab: 0.2ug/ml Mouse Anti-human S100A2
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-S100A2 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174661
NCBI GeneID	6273
NCBI Accession #	NP_005969.1
NCBI GenBank Nucleotide #	NM_005978.3
UniProt Accession #	P29034; O00266; Q3KRB9; Q5RHS8; Q9BU83
Molecular Weight	11,117 Da
NCBI Official Full Name	protein S100-A2
NCBI Official Synonym Full Names	S100 calcium binding protein A2
NCBI Official Symbol	S100A2
NCBI Official Synonym Symbols	CAN19; S100L
NCBI Protein Information	protein S100-A2; S100 calcium-binding protein A2
UniProt Protein Name	Protein S100-A2
UniProt Gene Name	S100A2
UniProt Synonym Gene Names	S100L
UniProt Entry Name	S10A2_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.