Mouse anti-Human S100 CalcuM Binding Protein A12 (S100A12) Monoclonal Antibody | anti-S100A12 antibody

Monoclonal Antibody to S100 CalcuM Binding Protein A12 (S100A12)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152829	**Mouse**	**Human**	**Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

S100 CalcuM Binding Protein A12 (S100A12); Monoclonal Antibody; Monoclonal Antibody to S100 CalcuM Binding Protein A12 (S100A12); S100 CalcuM Binding Protein A12; CGRP; P6; CAAF1; CAGC; ENRAGE; MRP6; Calgraulin C; CalcuM-binding protein in amniotic fluid 1; Extracelular newly identified RAGE-binding; Migration inhibitory factor-related 6; anti-S100A12 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C12
Specificity	The antibody is a mouse monoclonal antibody raised against S100A12. It has been selected for its ability to recognize S100A12 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G 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~Glu92
Applicable Applications for anti-S100A12 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant S100 CalcuM Binding Protein A12 (S100A12)
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

WB (Western Blot)
Western Blot; Sample: human Leukocyte lysate Primary Ab: 2ug/ml Mouse Anti-human S100A12 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

IF (Immunofluorescence)
FITC staining on IF; Sample: human Hela cell; Primary Ab: 30ug/ml Mouse Anti-human S100A12 Antibody Second Ab: 2ug/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-S100A12 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507565
NCBI GeneID	6283
UniProt Accession #	P80511; P83219; Q5SY66; Q7M4R1
Molecular Weight	92
NCBI Official Full Name	Protein S100-A12
NCBI Official Synonym Full Names	S100 calcium binding protein A12
NCBI Official Symbol	S100A12
NCBI Official Synonym Symbols	p6; CAGC; CGRP; MRP6; CAAF1; MRP-6; ENRAGE
NCBI Protein Information	protein S100-A12; EN-RAGE; calcitermin; calgranulin C; calgranulin-C; neutrophil S100 protein; calcium-binding protein in amniotic fluid 1; migration inhibitory factor-related protein 6; S100 calcium-binding protein A12 (calgranulin C); extracellular newl
UniProt Protein Name	Protein S100-A12
UniProt Gene Name	**S100A12**
UniProt Synonym Gene Names	CAAF1; CAGC; EN-RAGE; MRP-6; p6
UniProt Entry Name	S10AC_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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