

Mouse anti-Human S100A10 Monoclonal Antibody | anti-S100A10 antibody

Mouse Monoclonal (IgG1) to Human S100A10

CATALOG # AAA51825	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

S100A10; Monoclonal Antibody; Mouse Monoclonal (IgG1) to Human S100A10; Anti-S100A10 Antibody IHC-plus; 42C; ANX2LG; Calpactin-1 light chain; Calpactin I light chain; CLP11; p11; p10; p10 protein; Protein S100-A10; ANX2L; Ca[1]; CAL1L; Cellular ligand of annexin II; gp11; Human S100A10; anti-S100A10 antibody

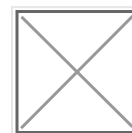
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	Ni-NTA purified truncated recombinant P11 expressed in E Coli strain BL21 (DE3)
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.4, 0.03% sodium azide.
Sequence Length	97
Applicable Applications for anti-S100A10 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant Human S100A10.
Immunogen Type	Recombinant protein
Immunogen	S100A10 antibody was raised against recombinant Human S100A10.

IMAGES

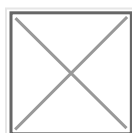


WB (Western Blot)



IHC (Immunohistochemistry)

Anti-S100A10 antibody IHC of human nerve and ganglion cell. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)

Anti-S100A10 antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A10 antibody	S100A10/p11 belongs to the S-100 calcium binding protein family, although it has had crucial amino acid substitutions and deletions that render it incapable of binding calcium. p11 forms a heterotetrameric complex with annexin II. p11 functions as an auxiliary protein and has been shown to interact directly the potassium channel TASK-1. It is essential for TASK1 trafficking to the plasma membrane. p11 also increases the localization of 5HT1B receptors to the cell surface.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506761
NCBI GeneID	6281
NCBI Accession #	NP_002957.1
NCBI GenBank Nucleotide #	NM_002966.2
UniProt Accession #	P60903; P08206; Q5T1C5; A8K4V8
Molecular Weight	11,203 Da
NCBI Official Full Name	protein S100-A10
NCBI Official Synonym Full Names	S100 calcium binding protein A10
NCBI Official Symbol	S100A10
NCBI Official Synonym Symbols	42C; P11; p10; GP11; ANX2L; CAL1L; CLP11; Ca[1]; ANX2LG
NCBI Protein Information	protein S100-A10; calpactin I light chain; calpactin-1 light chain; cellular ligand of annexin II; annexin II tetramer (Alt) p11 subunit; annexin II ligand, calpactin I, light polypeptide; S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)); S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11))
UniProt Protein Name	Protein S100-A10
UniProt Gene Name	S100A10
UniProt Synonym Gene Names	ANX2LG; CAL1L; CLP11
UniProt Entry Name	S10AA_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/s100a10-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/51825>