

Rabbit anti-Mouse S100A6 Monoclonal Antibody | anti-S100A6 antibody

Recombinant Anti-S100A6 Antibody, Rabbit Monoclonal

CATALOG # AAA257113	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA, ELISA
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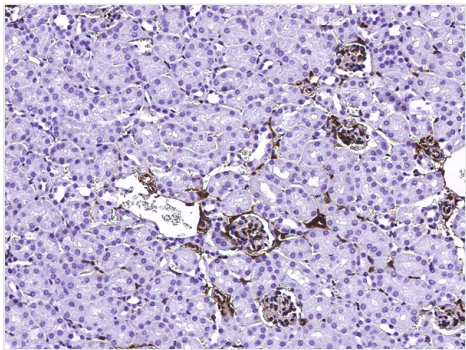
PRODUCT SYNONYMS

S100A6; Monoclonal Antibody; Recombinant Anti-S100A6 Antibody; Rabbit Monoclonal; S100A6/Calcylin/CACY Antibody; Rabbit MAb; S100 calcium binding protein A6; Anti-2A9 Antibody; Anti-5B10 Antibody; Anti-Cacy Antibody; Anti-CALCYCLIN Antibody; Anti-PRA Antibody; anti-S100A6 antibody

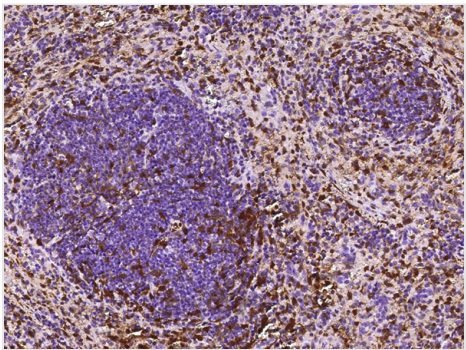
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	016
Specificity	Mouse S100A6/Calcylin/CACY. No cross-reactivity in ELISA with Human S100A1, Human S100A2/CAN19/S100L
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-S100A6 antibody	IHC (Immunohistochemistry), ELISA, ELISA
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse S100A6 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse S100A6/Calcylin (rM S100A6).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of mouse S100A6 in mouse kidney with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of mouse S100A6 in mouse spleen with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-S100A6 antibody	S100 protein is a family of low molecular weight protein found in vertebrates characterized by two EF-hand calcium-binding motifs. There are at least 21 different S100 proteins, and the name is derived from the fact that the protein is 100% soluble in ammonium sulfate at neutral pH. Most S100 proteins are disulfide-linked homodimer, and is normally present in cells derived from the neural crest, chondrocytes, macrophages, dendritic cells, etc. S100 proteins have been implicated in a variety of intracellular and extracellular functions. They are involved in regulation of protein phosphorylation, transcription factors, the dynamics of cytoskeleton constituents, enzyme activities, cell growth and differentiation, and the inflammatory response. S100A6 (S100 calcium-binding protein A6) is a member of the S100 family of proteins, and functions in prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of S100A6 have been implicated in melanoma.
Product Categories/Family for anti-S100A6 antibody	Calcium-binding Proteins and Related Molecules
References	Schafer, B.W. et al., 1996, Trends Biochem. Sci. 21 (4): 134-140. Donato, R. et al., 2003, Microsc. Res. Tech. 60 (6): 540-551. Nowotny, M. et al., 2003, J. Biol. Chem. 278 (29): 26923-26928. Nonaka D, et al., 2008, J. Cutan. Pathol. 35 (11): 1014-1019. Marenholz, I. et al., 2004, Biochem. Biophys. Res. Commun. 322 (4): 1111-22.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755392
NCBI GeneID	20200
NCBI Accession #	NP_035443.1
NCBI GenBank Nucleotide #	NM_011313.2
UniProt Accession #	P14069
Molecular Weight	10,051 Da
NCBI Official Full Name	protein S100-A6
NCBI Official Synonym Full Names	S100 calcium binding protein A6 (calcyclin)
NCBI Official Symbol	S100a6
NCBI Official Synonym Symbols	2A9; PRA; 5B10; Cacy; CALCYCLIN
NCBI Protein Information	protein S100-A6; S100 calcium-binding protein A6; calcium binding protein A6 (calcyclin); prolactin receptor-associated protein
UniProt Protein Name	Protein S100-A6
UniProt Gene Name	S100a6

UniProt Synonym Gene Names	Cacy
UniProt Entry Name	S10A6_MOUSE

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/s100a6-antibody-clone-016-immunohistochemistry-elisa/257113>