

Mouse S100A4 Monoclonal Antibody | anti-S100A4 antibody

S100A4 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174556	Mouse	Human, Mouse, Rat	Immunohistochemistry

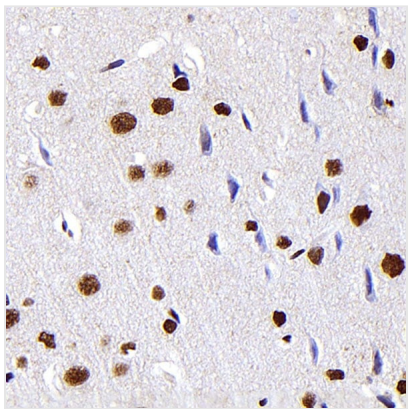
PRODUCT SYNONYMS

S100A4; Monoclonal Antibody; S100A4 Monoclonal Antibody; 18A2; 42A; calcium Placental protein; Calvasculin; CAPL; Fibroblast specific protein 1 (FSP1); Fibroblast specific protein 1; Fibroblast specific protein; FSP1; Leukemia multidrug resistance associated protein; Malignant transformation suppression 1 (MTS1); Malignant transformation suppression 1; Metastasin; MTS1; OTTHUMP00000015467; OTTHUMP00000015468; P9KA; PEL98; Placental calcium-binding protein; Protein Mts1; Protein S100 A4; Protein S100-A4; S100 calcium binding protein A4 (calcium protein; calvasculin; metastasin; murine placental homolog); S100 calcium binding protein A4; S100 calcium-binding protein A4; S100a4; S10A4; anti-S100A4 antibody

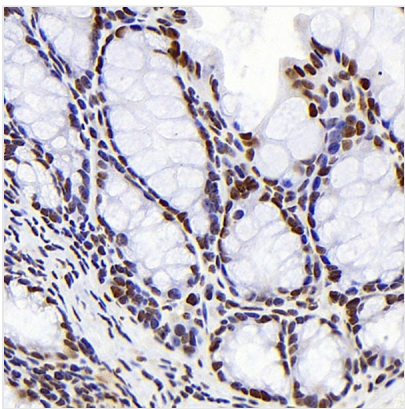
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	3A6H9
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence Length	101
Applicable Applications for anti-S100A4 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein corresponding to Mouse S100A4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

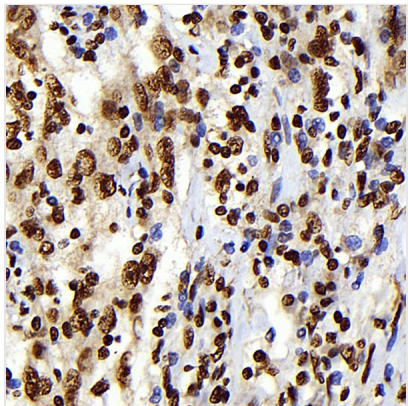
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat brain using S100A4 Monoclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded mouse colon using S100A4 Monoclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lymphoma using S100A4 Monoclonal Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A4 antibody	S100A4 is a member of the S100 family of calcium-binding proteins. The S100 family members have been involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100A4 is known to localize to and function in the nucleus, cytoplasm of cells and the extracellular space. S100A4 has also been shown to be associated with tumor growth, motility, invasion, metastasis, angiogenesis, apoptosis and chemoresistance. It is a fibroblast-specific protein associated with mesenchymal cell morphology and motility, is expressed during epithelial-mesenchymal transformations (EMT) in vivo. It is an improved marker for lung fibroblasts that could be useful for investigating the pathogenesis of pulmonary fibrosis. Overexpression of S100A4 is correlated with a worse prognosis in patients with various types of cancer.
Product Categories/Family for anti-S100A4 antibody	Cancer; Cardiovascular; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506765
NCBI GeneID	6275
NCBI Accession #	NP_002952.1
NCBI GenBank Nucleotide #	NM_002961.3
UniProt Accession #	P26447; Q6ICP8; A8K7R8; D3DV46

Molecular Weight	11,729 Da
NCBI Official Full Name	protein S100-A4
NCBI Official Synonym Full Names	S100 calcium binding protein A4
NCBI Official Symbol	S100A4
NCBI Official Synonym Symbols	42A; 18A2; CAPL; FSP1; MTS1; P9KA; PEL98
NCBI Protein Information	protein S100-A4
UniProt Protein Name	Protein S100-A4
UniProt Gene Name	S100A4
UniProt Synonym Gene Names	CAPL; MTS1

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/s100a4-antibody-clone-3a6h9-immunohistochemistry-elisa/174556>