

Rabbit S100A4 Monoclonal Antibody | anti-S100A4 antibody

S100A4 (Marker of Tumor Metastasis)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214813	Rabbit	Human, Mouse. Others not known.	Immunohistochemistry

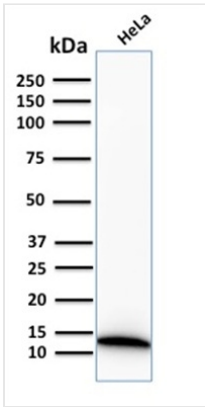
PRODUCT SYNONYMS

S100A4; Monoclonal Antibody; S100A4 (Marker of Tumor Metastasis); S100 calcium-binding protein A4; Calvasculin; CAPL; Fibroblast specific protein 1 (FSP1); Leukemia multidrug resistance associated protein; Malignant transformation suppression 1 (MTS1); Metastasin; Placental calcium-binding protein; anti-S100A4 antibody

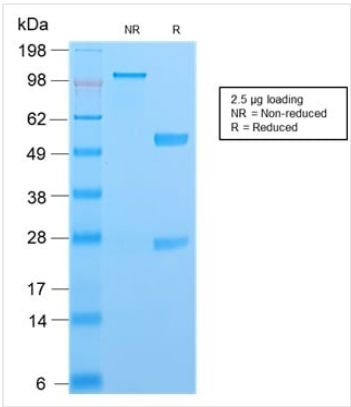
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	S100A4/2750R
Specificity	S100A4 belongs to the S100 super-family of proteins containing 2 EF-hand calcium-binding domains. S100 genes include at least 25 members, including S100A1-S100A18, trichohyalin, filaggrin, repetin, S100P, and S100Z. S100A4 exerts its function via direct interaction with a number of proteins including P53, P63, non-muscle myosin IIA, alpha6beta4 integrin, and liprin b1. S100A4 is overexpressed in highly metastatic cancers, which makes it useful as a marker of tumor progression.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	101
Applicable Applications for anti-S100A4 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment of human S100A4 protein (around aa1-200) (exact sequence is proprietary)
Positive Control	HeLa, A549 or A375 Cells. Placenta
Cellular Localization	Cytoplasmic and Nuclear
Chromosome Location	1q21
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

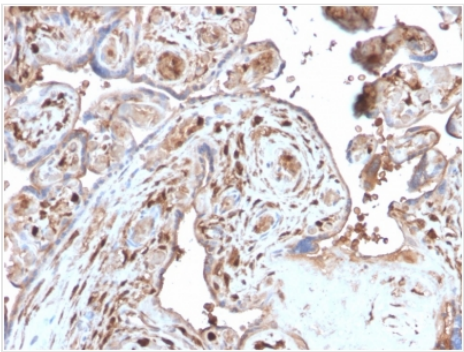
IMAGES



WB (Western Blot)
Western Blot Analysis of human HeLa Cell lysate using S100A4 Recombinant Rabbit Monoclonal Antibody (S100A4/2750R).



SDS-PAGE
SDS-PAGE Analysis Purified S100A4 Recombinant Rabbit Monoclonal Antibody (S100A4/2750R). Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Placenta stained with S100A4 Recombinant Rabbit Monoclonal Antibody (S100A4/2750R).

ADDITIONAL INFORMATION

Related Product Information for anti-S100A4 antibody	Recombinant Rabbit Monoclonal Antibody
References	Ismail NI, Kaur G, Hashim H, Hassan MS. S100A4 overexpression proves to be independent marker for breast cancer progression. Cancer Cell Int. 2008 Sep 5; 8:12.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506765
NCBI GeneID	6275
NCBI Accession #	NP_002952.1
NCBI GenBank Nucleotide #	NM_002961.2
UniProt Accession #	P26447; Q6ICP8; A8K7R8; D3DV46
Molecular Weight	10-12kDa
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-s100a4-2750r-immunohistochemistry-elisa/214813>