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

S100A6 (Protein S100-A6, S100 Calcium-binding Protein A6, Calcyclin, Prolactin Receptor-associated Protein, PRA, Growth Factor-inducible Protein 2A9, MLN 4, CACY) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25239	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

S100A6; Monoclonal Antibody; S100A6 (Protein S100-A6; S100 Calcium-binding Protein A6; Calcyclin; Prolactin Receptor-associated Protein; PRA; Growth Factor-inducible Protein 2A9; MLN 4; CACY) (FITC); anti-S100A6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	6B5
Specificity	Recognizes human S100A6.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-S100A6 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-91 from human S100A6 (AAH01431) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MACPLDRAIGLLVAIFHKYSGREGDKHTLSKKELKELIQKELTIGSKLQDAEIARLMEDLDRNKDQEVNFQEYVTFLGALALIYNEALKG*
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged S100A6 is ~0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to S100A6 on HeLa cell. [antibody concentration 10ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to S100A6 on formalin-fixed paraffin-embedded human stomach carcinoma. [antibody concentration 3ug/ml]

WB (Western Blot)
Western Blot analysis of S100A6 expression in transfected 293T cell line by S100A6 monoclonal antibody. Lane 1: S100A6 transfected lysate (10.2kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
S100A6 monoclonal antibody. Western Blot analysis of S100A6 expression in HeLa.

WB (Western Blot)
Western Blot detection against Immunogen (36.01kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-S100A6 antibody	Antibodies; Binding Proteins; Calcium

NCBI AND UNIPROT INFORMATION

NCBI GI #	33876209
NCBI GeneID	6277
Molecular Weight	10,180 Da
NCBI Official Full Name	Homo sapiens S100 calcium binding protein A6, mRNA
NCBI Official Synonym Full Names	S100 calcium binding protein A6
NCBI Official Symbol	S100A6
NCBI Official Synonym Symbols	2A9; PRA; 5B10; CABP; CACY
NCBI Protein Information	protein S100-A6

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-6b5-immunofluorescence-immunohistochemistry-western-blot-elisa/25239