

Mouse SMS Monoclonal Antibody | anti-SMS antibody

SMS antibody

CATALOG # AAA107360	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence
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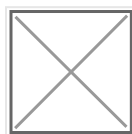
PRODUCT SYNONYMS

SMS; Monoclonal Antibody; SMS antibody; Monoclonal SMS; Anti-SMS; MRSR; SPMSY; SpS; SRS; anti-SMS antibody

PRODUCT SPECIFICATIONS

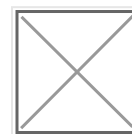
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3C9
Purity/Purification	SMS antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	460
Applicable Applications for anti-SMS antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	The protein encoded by this gene belongs to the spermidine/spermine synthases family. This gene encodes an ubiquitous enzyme of polyamine metabolism.
Cross-Reactivity	Human, Dog, Rat, Monkey, Mouse
Immunogen	SMS antibody was raised in Mouse using full length human recombinant protein of human SMS produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



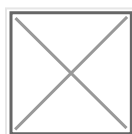
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant SMS protein using SMS antibody



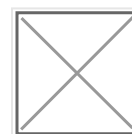
IHC (Immunohistochemistry)

Immunohistochemical analysis of SMS protein in paraffin embedded Human Kidney tissue using SMS antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SMS protein (Right) or empty vector (Left) detected with SMS antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant SMS protein (red) or empty vector (blue) stained using SMS antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SMS antibody	Mouse monoclonal SMS antibody
Product Categories/Family for anti-SMS antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	537229
Molecular Weight	49,472 Da
NCBI Official Full Name	sms
UniProt Protein Name	DNA repair protein RadA
UniProt Gene Name	radA
UniProt Synonym Gene Names	sms
UniProt Entry Name	RADA_ECOLI

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/sms-antibody-clone-3c9-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/107360>