

Mouse SDS Monoclonal Antibody | anti-SDS antibody

SDS antibody

CATALOG # AAA107129	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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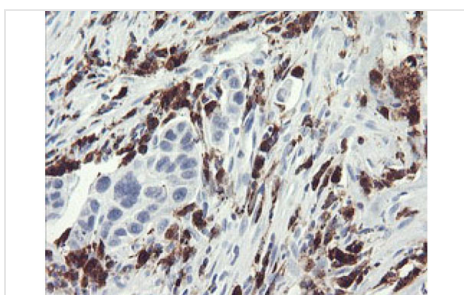
PRODUCT SYNONYMS

SDS; Monoclonal Antibody; SDS antibody; Monoclonal SDS; Anti-SDS; SBDS; Shwachman-Bodian-Diamond Syndrome; CGI-97; FLJ10917; SWDS; anti-SDS antibody

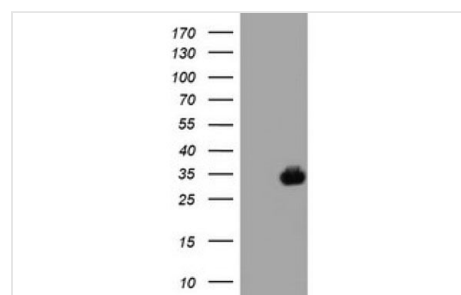
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4C3
Purity/Purification	SDS 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	500 ug-1 mg/ml (varies by lot)
Sequence Length	328
Applicable Applications for anti-SDS antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	SDS is a member of a highly conserved protein family that exists from archaea to vertebrates and plants. The protein may function in RNA metabolism. Mutations within its gene are associated with Shwachman-Bodian-Diamond syndrome.
Cross-Reactivity	Human
Immunogen	SDS antibody was raised in mouse using a full length recombinant protein of human SDS (NP_006834) produced in HEK293T cells, 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.

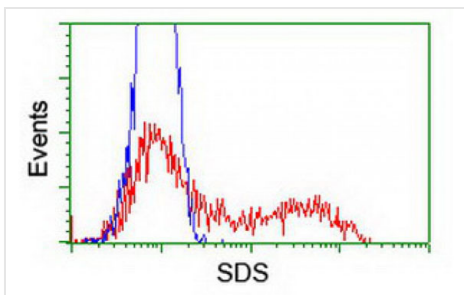
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of SDS protein in paraffin embedded Carcinoma of Human lung tissue using SDS antibody


WB (Western Blot)

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



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant SDS protein (red) or empty vector (blue) stained using SDS antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SDS antibody	Mouse monoclonal SDS antibody
Product Categories/Family for anti-SDS antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	33469958
NCBI GeneID	10993
NCBI Accession #	NP_006834
NCBI GenBank Nucleotide #	NM_006843.2
UniProt Accession #	P20132 ; A8K9P5
Molecular Weight	34,625 Da
NCBI Official Full Name	L-serine dehydratase/L-threonine deaminase
NCBI Official Synonym Full Names	serine dehydratase
NCBI Official Symbol	SDS
NCBI Official Synonym Symbols	SDH
NCBI Protein Information	L-serine dehydratase/L-threonine deaminase
UniProt Protein Name	L-serine dehydratase/L-threonine deaminase
UniProt Gene Name	SDS
UniProt Synonym Gene Names	SDH; SDH; TDH
UniProt Entry Name	SDHL_HUMAN

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.