

Mouse anti-Human SFXN1 Monoclonal Antibody | anti-SFXN1 antibody

SFXN1 (087) Mouse mAb

CATALOG # AAA62328	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot
------------------------------	----------------------	----------------------------	--

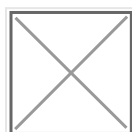
PRODUCT SYNONYMS

SFXN1; Monoclonal Antibody; SFXN1 (087) Mouse mAb; SFXN1(087) Mouse mAb; flexed tail; flexed-tail; Sideroflexin-1; TCC; Tricarboxylate carrier protein; 2810002O05Rik; A930015P12Rik; F; anti-SFXN1 antibody

PRODUCT SPECIFICATIONS

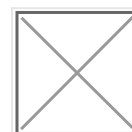
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	322
Applicable Applications for anti-SFXN1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



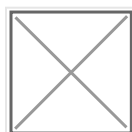
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling SFXN1 with M25021 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

SFXN1 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25021 of 10 ug. Western blot was performed from the immunopre-cipitate using M25021 at 1/2000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

All lanes : SFXN1 Mouse mAb at 1/2000 dilution Lane 1 : Jurkat cells membrane fraction Lane 2 : THP1 cells membrane fraction Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 36 KDa Observed band size : 36 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SFXN1 antibody	Might be involved in the transport of a component required for iron utilization into or out of the mitochondria.
Product Categories/Family for anti-SFXN1 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	1018443242
NCBI GeneID	94081
NCBI Accession #	NP_001309906.1
NCBI GenBank Nucleotide #	NM_001322977.1
UniProt Accession #	Q9H9B4; Q9HA53; B3KPW3; D3DQN2
Molecular Weight	Predicted MW: 36kDa
NCBI Official Full Name	sideroflexin-1 isoform 1
NCBI Official Synonym Full Names	sideroflexin 1
NCBI Official Symbol	SFXN1
NCBI Official Synonym Symbols	TCC; SLC56A1
NCBI Protein Information	sideroflexin-1
UniProt Protein Name	Sideroflexin-1
UniProt Gene Name	SFXN1
UniProt Synonym Gene Names	TCC

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/sfxn1-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62328>