

Mouse anti-Human ATD3A Monoclonal Antibody | anti-ATD3A antibody

ATD3A (384) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62317	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

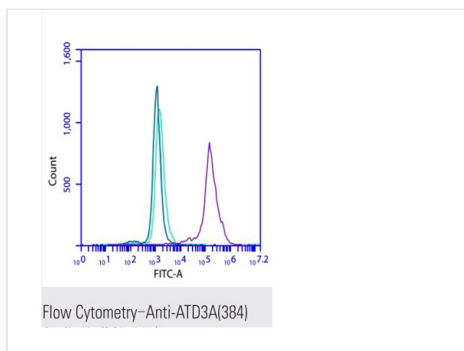
PRODUCT SYNONYMS

ATD3A; Monoclonal Antibody; ATD3A (384) Mouse mAb; ATD3A(384) Mouse mAb; anti-ATD3A antibody

PRODUCT SPECIFICATIONS

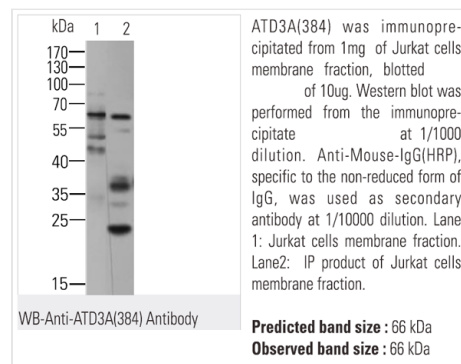
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	586
Applicable Applications for anti-ATD3A antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human ATD3A
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



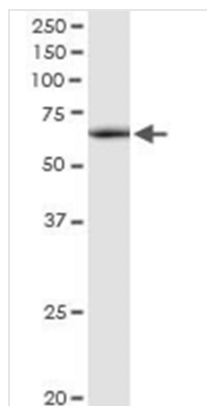
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling ATD3A(384) with M25064 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (blue) and an unlabelled control (cells without incubation with primary antibody, green). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

ATD3A(384) was immunopre-cipitated from 1mg of Jurkat cells membrane fraction, blotted with M25064 of 10 ug. Western blot was performed from the immunopre-cipitate using M25064 at 1/1000 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.Predicted band size : 66 KDaObserved band size : 66 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ATD3A antibody	ATAD3A and ATAD3B (MIM 612317) are mitochondrial membrane proteins that contribute to the stabilization of large mitochondrial DNA (mtDNA)-protein complexes called nucleoids.
Product Categories/Family for anti-ATD3A antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	283436222
NCBI GeneID	55210
NCBI Accession #	NP_001164006.1
NCBI GenBank Nucleotide #	NM_001170535.2
UniProt Accession #	Q9NVI7; Q5SV23; Q8N275; Q96A50; B3KPB3; D2K8Q1; G3V1I6
Molecular Weight	Predicted MW: 66kDa
NCBI Official Full Name	ATPase family AAA domain-containing protein 3A isoform 2
NCBI Official Synonym Full Names	ATPase family, AAA domain containing 3A
NCBI Official Symbol	ATAD3A
NCBI Official Synonym Symbols	HAYOS
NCBI Protein Information	ATPase family AAA domain-containing protein 3A
UniProt Protein Name	ATPase family AAA domain-containing protein 3A
UniProt Gene Name	ATAD3A

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/atd3a-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62317>