

AIFM1 recombinant antibody

AIFM1 Recombinant Monoclonal Antibody

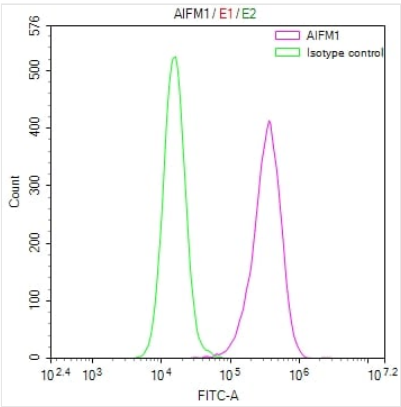
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279335	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

AIFM1; Monoclonal Recombinant Antibody; AIFM1 Recombinant Monoclonal Antibody; AIFM1 antibody; AIFM1_HUMAN antibody; Apoptosis inducing factor 1; mitochondrial antibody; Apoptosis inducing factor antibody; Apoptosis inducing factor; mitochondrion associated; 1 antibody; Apoptosis-inducing factor 1 antibody; CMTX4 antibody; COWCK antibody; COXPD6 antibody; Harlequin antibody; Hq antibody; mAIF antibody; MGC111425 antibody; MGC5706 antibody; Neuropathy; axonal motor-sensory; with deafness and mental retardation antibody; neuropathy; axonal; motor-sensory with deafness and mental retardation (Cowchock syndrome) antibody; PDCD 8 antibody; PDCD8 antibody; Programmed cell death 8 (apoptosis inducing factor) antibody; Programmed cell death 8 antibody; Programmed cell death 8 isoform 1 antibody; Programmed cell death 8 isoform 2 antibody; Programmed cell death 8 isoform 3 antibody; Programmed cell death protein 8 antibody; Programmed cell death protein 8 mitochondrial antibody; Programmed cell death protein 8 mitochondrial precursor antibody; Striatal apoptosis inducing factor antibody; AIFM1 recombinant antibody

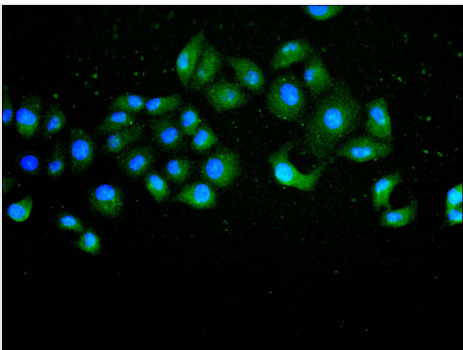
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	mIgG2a
Clone Number	16D10
Purity/Purification	Affinity chromatography
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for AIFM1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Species	Human
Immunogen	Recombinant Human AIFM1 protein
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing HeLa cells stained with AAA279335 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1:200 dilution for 35min at 4 degree C. Control antibody (green line) was mouse IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cell with AAA279335 at 1:10, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).

ADDITIONAL INFORMATION

Product Categories/Family for AIFM1 recombinant antibody	Epigenetics and Nuclear Signaling, Cancer, Cell biology, Metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195927004
NCBI GeneID	9131
NCBI Accession #	NP_001124318.1
NCBI GenBank Nucleotide #	NM_001130846.2
UniProt Accession #	O95831; Q1L6K6; Q2QKE4; Q5JU27; Q6I9X6; Q9Y3I3; Q9Y3I4; A4QPB4; B1ALN1; B2RB08; D3DTE9
Molecular Weight	66,901 Da
NCBI Official Full Name	apoptosis-inducing factor 1, mitochondrial isoform 4
NCBI Official Synonym Full Names	apoptosis-inducing factor, mitochondrion-associated, 1
NCBI Official Symbol	AIFM1
NCBI Official Synonym Symbols	AIF; CMTX4; COWCK; PDCD8; COXPD6

NCBI Protein Information	apoptosis-inducing factor 1, mitochondrial; striatal apoptosis-inducing factor; programmed cell death 8 (apoptosis-inducing factor)
UniProt Protein Name	Apoptosis-inducing factor 1, mitochondrial
UniProt Gene Name	AIFM1
UniProt Synonym Gene Names	AIF; PDCD8
UniProt Entry Name	AIFM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/aifm1-recombinant-antibody-clone-16d10-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/279335>