Mouse anti-Human Frataxin Monoclonal Antibody | anti-FXN antibody

Mouse Anti Human Frataxin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39134	**Mouse**	**Human**	**Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA**

PRODUCT SYNONYMS

Frataxin; Monoclonal Antibody; Mouse Anti Human Frataxin; Frataxin Antibody; FXN; Friedreich ataxia protein; Frataxin mitochondrial; FRDA; X25; FA; CyaY; FARR; MGC57199; Mouse Anti Human; anti-FXN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 heavy chain and k light chain.
Clone Number	PAT10E11AT
Purity/Purification	Antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
Form/Format	Sterile filtered colorless solution. 1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Sequence Length	49
Applicable Applications for anti-FXN antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen	Anti-human Frataxin mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human Frataxin protein 42-210 amino acids purified from E Coli.
Preparation and Storage	12 months at -20 degree C. 1 month at 4 degree C. For periods up to 1 month store at 4 degree C, for longer periods of time, store at -20 degree C. Prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-FXN antibody	Frataxin is a mitochondrial iron binding protein that is part of the FRATAXIN family. Frataxin functions in regulating mitochondrial iron transport and respiration. The expansion of intronic trinucleotide repeat GAA results in Friedreich ataxia. Frataxin plays a role in iron homeostasis. Frataxin is an anti-apoptotic protein which prevents mitochondrial damage and reactive oxygen species (ROS) production.
Product Categories/Family for anti-FXN antibody	Monoclonal/Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4100063
NCBI GeneID	2395
NCBI Official Full Name	frataxin, partial
NCBI Official Synonym Full Names	frataxin

NCBI Official Symbol	FXN
NCBI Official Synonym Symbols	FA; X25; CyaY; FARR; FRDA
NCBI Protein Information	frataxin, mitochondrial
UniProt Protein Name	Frataxin, mitochondrial
UniProt Gene Name	**FXN**
UniProt Synonym Gene Names	FRDA; X25; Fxn; i-FXN

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/frataxin-antibody-clone-pat10e11at-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/39134