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36-2332: Anti-Frataxin (Mitochondrial Marker) Monoclonal Antibody(Clone: rFXN/2124)

Clonality :	Monoclonal
Clone Name :	rFXN/2124
Application :	ELISA
Reactivity :	Human
Gene :	FXN
Gene ID :	2395
Uniprot ID :	Q16595
Alternative Name :	CyaY; d-FXN; FARR; Frataxin mature form; Frataxin (81-210); FRDA; Friedreich ataxia protein; Fxn; i-FXN; m56-FXN; m78-FXN; m81-FXN; X25
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant human Frataxin protein fragment (around aa 57-210) (exact sequence is proprietary)

Description

Frataxin is a nuclear-encoded mitochondrial protein implicated in Friedreich's ataxia (FRDA), a human autosomal recessive neurodegenerative disease. Lack of Frataxin causes iron to accumulate in the mitochondrial matrix sÂµggesting that Frataxin is involved in mitochondrial iron homeostasis and possibly in iron transport. Frataxin has an alpha-beta fold consisting of two helices flanking an antiparallel beta sheet.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA);

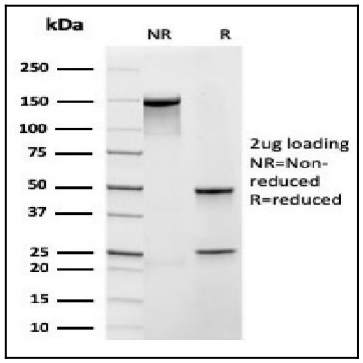


Fig. 1: SDS-PAGE Analysis Purified Frataxin Recombinant Mouse Monoclonal Antibody (rFXN/2124). Confirmation of Purity and Integrity of Antibody.

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