

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	rFXN/2124
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Human
<b>Gene :</b>	FXN
<b>Gene ID :</b>	2395
<b>Uniprot ID :</b>	Q16595
<b>Alternative Name :</b>	CyaY; d-FXN; FARR; Frataxin mature form; Frataxin (81-210); FRDA; Friedreich ataxia protein; Fxn; i-FXN; m56-FXN; m78-FXN; m81-FXN; X25
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	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 suggesting 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

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	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.
<b>Storage condition :</b>	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);

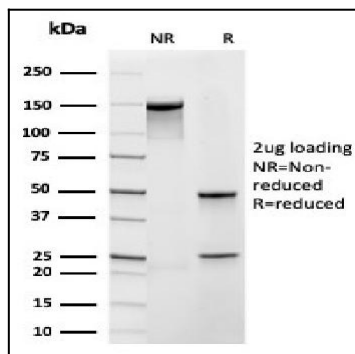


Fig. 1: SDS-PAGE Analysis Purified Frataxin Recombinant Mouse Monoclonal Antibody (rFXN/2124). Confirmation of Purity and Integrity of Antibody.