

Recombinant Frataxin (Mitochondrial Marker) Antibody

Mouse Monoclonal Antibody [Clone rFXN/2124]

Catalog No	Format	Size
2395-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2395-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2395-MSM6-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

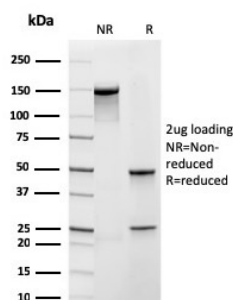
Applications	Tested Dillution	Note
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Product Details

Clone	rFXN/2124
Gene Name	FXN
Immunogen	Recombinant human Frataxin protein fragment (around aa 57-210) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	14kDa
Cellular Localization	Cytoplasm, Cytosol, Mitochondrion
Species Reactivity	Human
Positive Control	HePG2, HL-60 or HEK293 cells. Pancreas and Liver.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Frataxin (Mitochondrial Marker) Antibody



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

Specificity & Comments

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.

Supplied As

200ug/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 and Stability

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. No MSDS required.

Research Areas

Cardiovascular, Mitochondria Marker

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.