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Product Datasheet

Frataxin (Mitochondrial Marker)(rFXN/2124), 0.2mg/mL, Clone: [rFXN/2124], Mouse, Monoclonal BOT-BNUB3794-500

Article Name	Frataxin (Mitochondrial Marker)(rFXN/2124), 0.2mg/mL, Clone: [rFXN/2124], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUB3794-500
Supplier Catalog Number	BNUB3794-500
Alternative Catalog Number	BOT-BNUB3794-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Species Reactivity	Human
Immunogen	Recombinant human Frataxin protein fragment (around aa 57-210) (exact sequence is proprietary)
Product Description	Frataxin is a nuclear-encoded mitochondrial protein implicated in Friedreichs 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 iron-sulfur protein assembly. Frataxin is a mitochondrial protein that is involved in the assembly of the mitochondrial iron-sulfur protein complex. It is also involved in the regulation of mitochondrial function and the prevention of oxidative damage. Frataxin is a key component of the mitochondrial iron-sulfur protein complex, which is involved in the assembly of the mitochondrial iron-sulfur protein complex. It is also involved in the regulation of mitochondrial function and the prevention of oxidative damage.
Clonality	Monoclonal
Concentration	0.2 mg/mL
Clone Designation	[rFXN/2124]
Molecular Weight	14 kDa

UniProt	Q16595
Buffer	PBS, 0.05% BSA, 0.05% azide
Source	Animal
Application Notes	<p>For coating for ELISA, order Ab without BSA Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Optimal dilution and staining procedure for a specific application should be determined by user Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry</p>