

**Rabbit Anti-human Frataxin Monoclonal  
Antibody, clone 3C11**  
Catalog Number: R17007M3C11

## General Information

<b>Immunogen</b>	Full length recombinant human Frataxin Protein
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Applications</b>	ELISA, WB
<b>Specificity</b>	Human Frataxin
<b>Formulation</b>	0.22 $\mu$ M filtered solution of PBS, 0.09% NaN <sub>3</sub> , pH 7.4
<b>Purity</b>	> 95% determined by SDS-PAGE
<b>Storage</b>	$\leq$ -20 °C for 1 year or 4 °C for 1 months

### Abbreviations:

ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immuno-histochemistry; IF: immunofluorescence. WB: western blot;

## Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

## Hazard/Biohazard

This antibody contains 0.09% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.

## Background

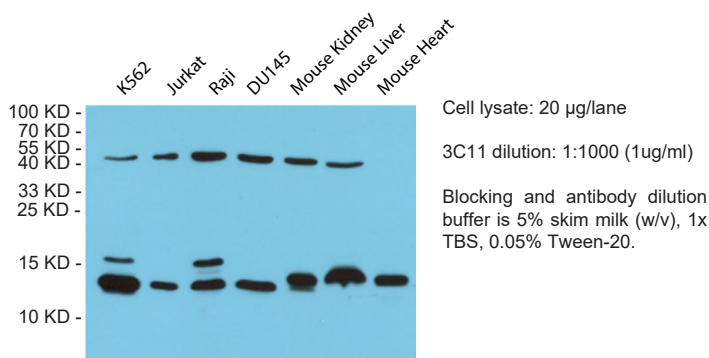
FRATAXIN (FXN) is a mitochondrial protein which belongs to the FRATAXIN family. FXN regulates mitochondrial iron transport and respiration and promotes the biosynthesis of heme and assembly and repair of iron-sulfur clusters by delivering Fe(2+) to proteins involved in these pathways. The expansion of intronic trinucleotide repeat GAA from 8-33 repeats to >90 repeats results in Friedreich ataxia. Alternative splicing results in multiple transcript variants.

## Preparation

Monoclonal antibody is produced by immunizing rabbit with full length human Frataxin and purified using protein A resin.

## Application

### Western blot



## Research Use or Manufacturing Only