

## Frataxin/FXN Monoclonal Antibody(Capture)

**catalog number: AN001940P**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

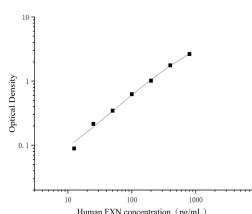
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human Frataxin/FXN protein expressed by E.coli
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b
<b>Clone</b>	1B1
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

### Applications Recommended Dilution

<b>ELISA Capture</b>	2-8 µg/mL
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### Data



Sandwich ELISA-Recombinant Human Frataxin/FXN protein standard curve. Background subtracted standard curve using Frataxin/FXN antibody(AN000510P)(Capture), Frataxin/FXN antibody(AN000510P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Frataxin/FXN protein is 12.5-800 pg/ml.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

This nuclear gene encodes a mitochondrial protein which belongs to the FRATAXIN family. The protein functions in regulating mitochondrial iron transport and respiration. 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.

### For Research Use Only