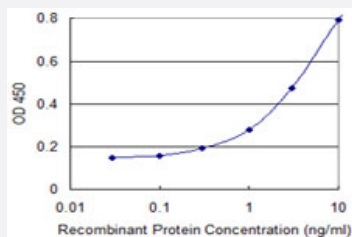


FDX1 monoclonal antibody (M02), clone 4G5

Catalog # H00002230-M02

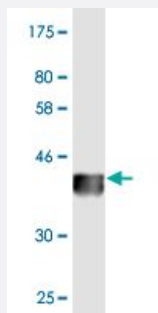
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FDX1 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FDX1.
Immunogen	FDX1 (NP_004100.1, 85 a.a. ~ 183 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VGDSLDDVVVENNLDIDGFGACEGTLACSTCHLIFEDHIYEKLDATDEENDMLDLAYGLTDRSLG CQICLTKSMDNMTVRVPETVADARQSIDVGKT
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (90)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FDX1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FDX1

Entrez GeneID	2230
GeneBank Accession#	NM_004109
Protein Accession#	NP_004100.1
Gene Name	FDX1
Gene Alias	ADX, FDX, LOH11CR1D
Gene Description	ferredoxin 1
Omim ID	103260
Gene Ontology	Hyperlink

Gene Summary

The product of this gene is a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to a terminal cytochrome P450. This particular oxidation/reduction system is found in steroidogenic tissues, and is involved with the synthesis of bile acid and vitamin D. In addition to the expressed gene at this chromosomal locus (11q22), there are pseudogenes located on chromosomes 20 and 21. This gene product has been identified in a number of different tissues but all forms have been shown to be identical and are not tissue specific. [provided by RefSeq]

Other Designations

adrenodoxin

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)