

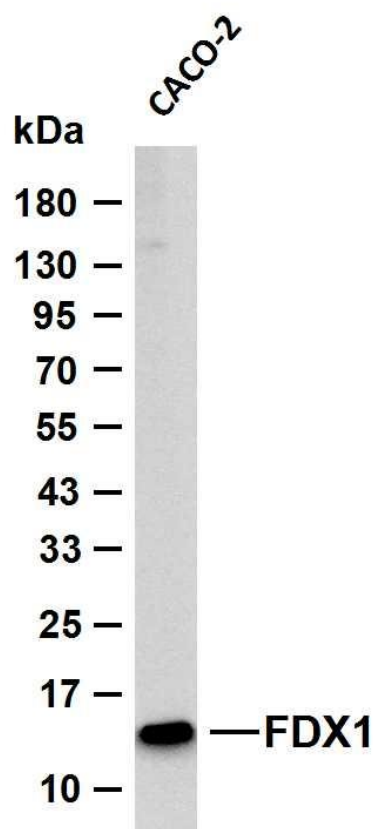


FDX1 (PT1905R) Mouse mAb

Catalog No	YP-mAb-19493
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	FDX1 ADX
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal,Mouse,IgG
Purification	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	FDX1 ADX;Adrenodoxin, mitochondrial (Adrenal ferredoxin) (Ferredoxin-1) (Hepatoredoxin);Adrenodoxin,mitochondrial ; Adrenal ferredoxin ; Ferredoxin-1 ; Hepatoredoxin ;
Observed Band	14kD
Calculated Molecular Weight	19kD
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	Highest levels in the adrenal gland (at protein level) . Also detected in kidney and testis (at protein level) .
Function	Essential for the synthesis of various steroid hormones . Participates in the reduction of mitochondrial cytochrome P450 for steroidogenesis . Transfers electrons from adrenodoxin reductase to CYP11A1 , a cytochrome P450 that catalyzes cholesterol side-chain cleavage . Does not form a ternary complex with adrenodoxin reductase and CYP11A1 but shuttles between the two enzymes to transfer electrons (By similarity) .
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-FDX1 (PT1905R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: CACO-2

Predicted band size: 19kDa

Observed band size: 14kDa