



# ADX mouse mAb

Catalog No	BYmab-17285
Isotype	IgG
Reactivity	Human, Mouse,Rat
Applications	WB
Gene Name	FDX1 ADX
Protein Name	Adrenodoxin, mitochondrial (Adrenal ferredoxin) (Ferredoxin-1) (Hepatoredoxin)
Immunogen	Synthesized peptide derived from human N-terminal ADX
Specificity	This antibody detects endogenous levels of ADX at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Mouse,Monoclonal
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Adrenodoxin, mitochondrial (Adrenal ferredoxin) (Ferredoxin-1) (Hepatoredoxin)
Observed Band	20kD
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!

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#### Usage suggestions

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

#### Products Images