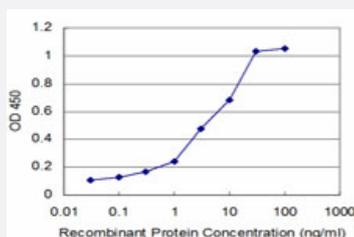


PTF1A monoclonal antibody (M01), clone 4B1

Catalog # H00256297-M01

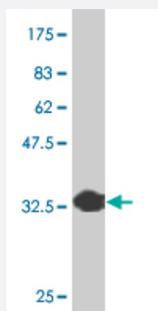
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTF1A is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.8 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PTF1A.

Immunogen

PTF1A (NP_835455, 250 a.a. ~ 328 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

QAQKVIICHRGTRSPSPDPDYGLPPLAGHLSLWTDEKQLKEQNIIRTAKVWTPEDPRKLNLSKSS
FNNIENEPPFEFVS

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.8 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 PTF1A is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PTF1A

Entrez GeneID	256297
GeneBank Accession#	NM_178161
Protein Accession#	NP_835455
Gene Name	PTF1A
Gene Alias	PTF1-p48, bHLHa29
Gene Description	pancreas specific transcription factor, 1a
Omim ID	607194 609069
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein that is a component of the pancreas transcription factor 1 complex (PTF1) and is known to have a role in mammalian pancreatic development. The protein plays a role in determining whether cells allocated to the pancreatic buds continue towards pancreatic organogenesis or revert back to duodenal fates. The protein is thought to be involved in the maintenance of exocrine pancreas-specific gene expression including elastase 1 and amylase. Mutations in this gene cause cerebellar agenesis and loss of expression is seen in ductal type pancreas cancers. [provided by RefSeq]

Other Designations

OTTHUMP00000019309|bHLH transcription factor p48|class II bHLH protein PTF1A|exocrine pancreas-specific transcription factor p48|p48 DNA-binding subunit of transcription factor PTF1|pancreas transcription factor 1 subunit alpha
