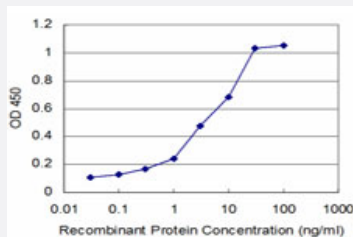


PTF1A monoclonal antibody (M01), clone 4B1

Catalog # H00256297-M01

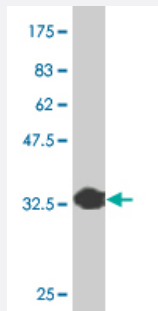
Size 100 ug

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	QAQKVIIICHRGTRSPSPSPDPDYGLPPLAGHSLSWTDEKQLKEQNIIRTAKVWTPEDPRKLNSKSS 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
