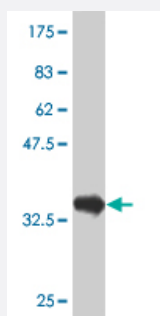


# PTF1A monoclonal antibody (M03), clone 1B8

Catalog # H00256297-M03

Size 100 ug

## Applications



Western Blot detection against Immunogen (34.8 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant PTF1A.
<b>Immunogen</b>	PTF1A (NP_835455, 250 a.a. ~ 328 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	QAQKVIIICHRGTRSPSPSPDPDYGLPPLAGHSLSWTDEKQLKEQNIIRTAQVWTPEDPRKLNSKSS FNNIENEPPFEFVS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.8 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[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