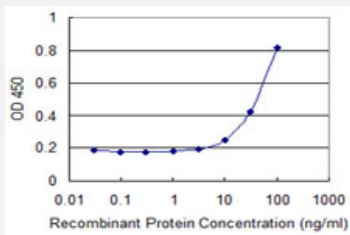


# REG1A monoclonal antibody (M02), clone 1G10

Catalog # H00005967-M02

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged REG1A is 3 ng/ml as a capture antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant REG1A.
<b>Immunogen</b>	REG1A (AAH05350, 67 a.a. ~ 166 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MNSGNLVSVLTAEGAFVASLIKESGTDDFNWIGLHDPKKNRRWHWSSGSLVSYKSWGIGAPS SVNPGYCVSLTSSTGFQKWKDVPCEDKFSFVCKFKN
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (76); Rat (71)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<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

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged REG1A is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — REG1A

Entrez GeneID [5967](#)

GeneBank Accession# [BC005350](#)

Protein Accession# [AAH05350](#)

Gene Name REG1A

Gene Alias ICRF, MGC12447, P19, PSP, PSPS, PSPS1, PTP, REG

Gene Description regenerating islet-derived 1 alpha

Omim ID [167770](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigenic family grouped into four subclasses, types I, II, III and IV, based on the primary structures of the encoded proteins. This gene encodes a protein that is secreted by the exocrine pancreas. It is associated with islet cell regeneration and diabetogenesis and may be involved in pancreatic lithogenesis. Reg family members REG1B, REGL, PAP and this gene are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication. [provided by RefSeq]

**Other Designations** OTTHUMP00000160485|islet cells regeneration factor|islet of langerhans regenerating protein|lithostathine 1 alpha|pancreatic stone protein, secretory|pancreatic thread protein|protein-X|regenerating islet-derived 1 alpha (pancreatic stone protein, pancrea

## Disease

- [Calcinosis](#)
- [Diabetes Mellitus](#)

- [Pancreatitis](#)
- [Tobacco Use Disorder](#)