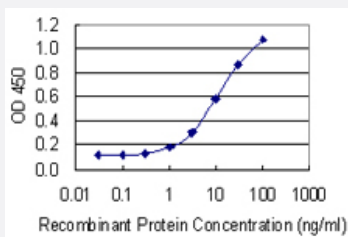


# REG1A monoclonal antibody (M17), clone 5F8

Catalog # H00005967-M17

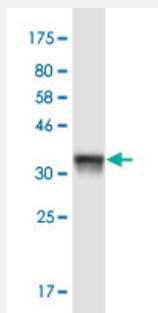
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged REG1A is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant REG1A.

### Immunogen

REG1A (AAH05350.1, 23 a.a. ~ 122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

QEAQTELPQARISCPEGTNAYRSYCYFNEDRETWVDADLYCQNMNSGNLVSFLTQAEAFVAS  
LIKESGTDDFNVWIGLHDPKKNRRWHWSSGSLVSYK

### Host

Mouse

### Reactivity

Human

Interspecies Antigen Sequence	Mouse (81); Rat (76)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 REG1A is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — REG1A

Entrez GeneID	<a href="#">5967</a>
GeneBank Accession#	<a href="#">BC005350.2</a>
Protein Accession#	<a href="#">AAH05350.1</a>
Gene Name	REG1A
Gene Alias	ICRF, MGC12447, P19, PSP, PSPS, PSPS1, PTP, REG
Gene Description	regenerating islet-derived 1 alpha
Omim ID	<a href="#">167770</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigene 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](#)