

REG1A rabbit monoclonal antibody

Catalog # H00005967-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human REG1A peptide using ARM Technology.
Immunogen	A synthetic peptide of human REG1A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human REG1A peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — REG1A

Entrez GeneID [5967](#)

GeneBank Accession# [REG1A](#)

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 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](#)