

Reg I Alpha Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1096
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Reg I α fused with hIgGfc tag expressed in HEK293 cell line.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Lithostathine-1-alpha
Synonyms	REG1A; PSPS; PSPS1; REG; Lithostathine-1-alpha; Islet cells regeneration factor; ICRF; Islet of Langerhans regenerating protein; REG; Pancreatic stone protein; PSP; Pancreatic thread protein; PTP; Regenerating islet-derived protein 1-alpha;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

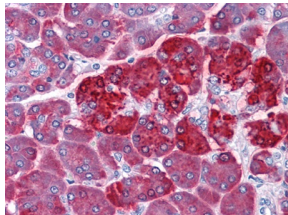
ELISA: 1:10000

IF: 1:200 - 1:1000

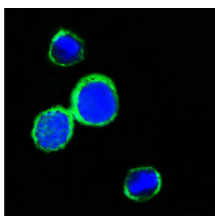
IHC: 1:200 - 1:1000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human Pancreas tissues with AEC staining using Reg IAlpha Monoclonal antibody.



Confocal immunofluorescence analysis of PC12 cells using Reg IAlpha Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com