

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 Ia 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.

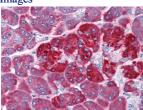
Background

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

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