



# Mouse Anti-Human REG1A monoclonal antibody, clone 5C0 [Biotin] (CABT-L0429Y)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Human recombinant protein fragment corresponding to amino acids 23-166 of human PSP (NP_002900) produced in E.coli.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5C0
<b>Purification</b>	Protein A/G purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	ELISA We recommend the following as antibody pair (Capture - Detection): CABT-L0428Y- CABT-L0429Y Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS (pH7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide
<b>Preservative</b>	0.02% sodium azide

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

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## BACKGROUND

**Introduction**

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.

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**Keywords**

P19; PSP; PTP; REG; ICRF; PSPS; PSPS1; MGC12447; REG1A

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## GENE INFORMATION

**Entrez Gene ID**

[5967](#)

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**UniProt ID**

[P05451](#)

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