

Mouse anti-Human REG1A Antibody | anti-REG1A antibody

REG1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108759	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry

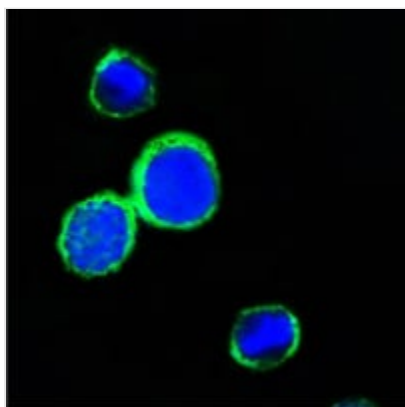
PRODUCT SYNONYMS

REG1A; REG1A Antibody; P19; PTP; PSP; anti-REG1A antibody

PRODUCT SPECIFICATIONS

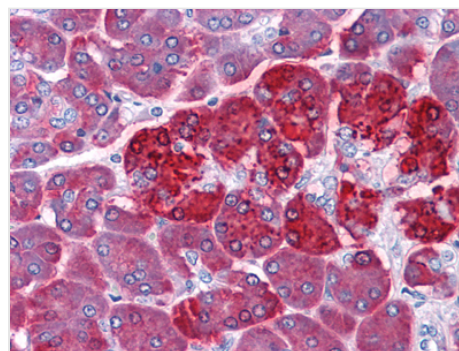
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	1A4
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	166
Applicable Applications for anti-REG1A antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Purified recombinant fragment of human REG1A fused with hlgGfc tag expressed in HEK293 cell line.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IF (Immunofluorescence)

Figure 2. Confocal immunofluorescence analysis of PC12 cells using REG1A mouse mAb (green). Blue. DRAQ5 fluorescent DNA dye.



IHC (Immunohistochemistry)

Figure 1. Immunohistochemical analysis of paraffin-embedded human Pancreas tissues using REG1A mouse mAb

ADDITIONAL INFORMATION

Related Product Information for anti-REG1A antibody

REG1A (regenerating islet-derived 1 alpha), also known as PTP, PSP, is a member of the Reg family of secreted proteins with a C-type lectin domain. REG1A is associated with islet cell regeneration and diabetogenesis and may be involved in pancreatic lithogenesis. Due to variable glycosylation, pancreatic REG1A exists as multiple species of 16-18 kDa. REG1A promotes the maintenance and growth of pancreatic islet beta-cells and intestinal villi. It is upregulated in pancreatitis and some carcinomas. REG1A is an antigenic target in autoimmune diabetes.

Product Categories/Family for anti-REG1A antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29725633
NCBI GeneID	5967
NCBI Accession #	NP_002900.2
NCBI GenBank Nucleotide #	NM_002909.4
UniProt Accession #	P05451; P11379; Q4ZG28
Molecular Weight	19kDa
NCBI Official Full Name	lithostathine-1-alpha
NCBI Official Synonym Full Names	regenerating family member 1 alpha
NCBI Official Symbol	REG1A
NCBI Official Synonym Symbols	P19; PSP; PTP; REG; ICRF; PSPS; PSPS1
NCBI Protein Information	lithostathine-1-alpha
UniProt Protein Name	Lithostathine-1-alpha
UniProt Gene Name	REG1A
UniProt Synonym Gene Names	PSPS; PSPS1; REG; ICRF; REG; PSP; PTP; REG-1-alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/reg1a/108759>