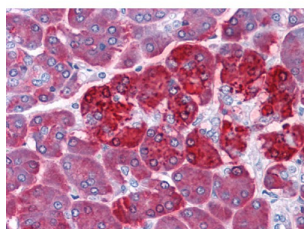
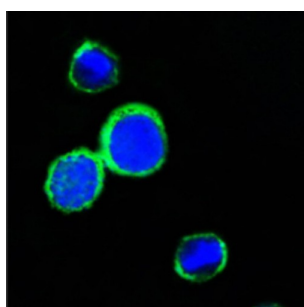


Regenerating Islet Derived Protein 1 Alpha (REG1A) Antibody

Catalogue No.: abx011453



Immunohistochemical analysis of paraffin-embedded human Pancreas tissues using REG1A antibody.



Confocal immunofluorescence analysis of PC12 cells using REG1A antibody (green). Blue: DRAQ5 fluorescent DNA dye.

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.

Target:	REG1A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Tested Applications:	ELISA, IHC, IF/ICC
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Purified recombinant fragment of human REG1A fused with hIgGFc tag expressed in HEK293 cell line.
Purification:	Unpurified Ascites.
Isotype:	IgG ₁

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	19 kDa
Swiss Prot:	P05451
GeneID:	5967
Gene Symbol:	REG1A
OMIM:	167770
HGNC:	9951
Ensembl:	ENSG00000115386
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Note:	This product is for research use only.