

REG1A Antibody (clone 1A4)
Mouse Monoclonal Antibody
Catalog # ALS13169**Specification**

REG1A Antibody (clone 1A4) - Product Information

Application	IF, IHC
Primary Accession	P05451
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	19kDa KDa

REG1A Antibody (clone 1A4) - Additional Information**Gene ID** 5967**Other Names**

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, REG-1-alpha, Regenerating protein I alpha, REG1A, PSPS, PSPS1, REG

Target/Specificity

Human REG1A

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

REG1A Antibody (clone 1A4) is for research use only and not for use in diagnostic or therapeutic procedures.

REG1A Antibody (clone 1A4) - Protein Information**Name** REG1A**Synonyms** PSPS, PSPS1, REG**Function**

Might act as an inhibitor of spontaneous calcium carbonate precipitation. May be associated with neuronal sprouting in brain, and with brain and pancreas regeneration.

Cellular Location

Secreted.

Tissue Location

In pancreatic acinar cells and, in lower levels, in brain. Enhanced expression of PSP-related transcripts and intraneuronal accumulation of PSP-like proteins is found in brain from Alzheimer

disease and Down syndrome patients.

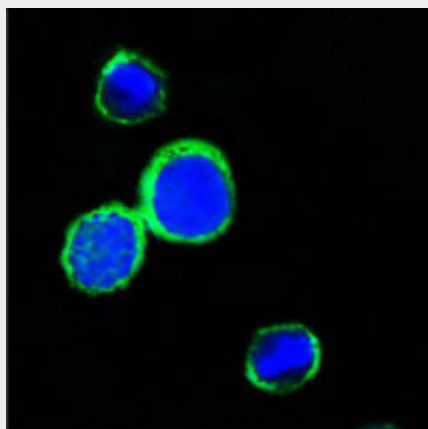
Volume
50 μ l

REG1A Antibody (clone 1A4) - Protocols

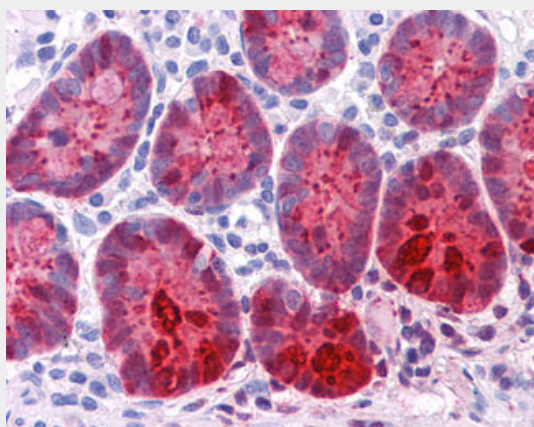
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

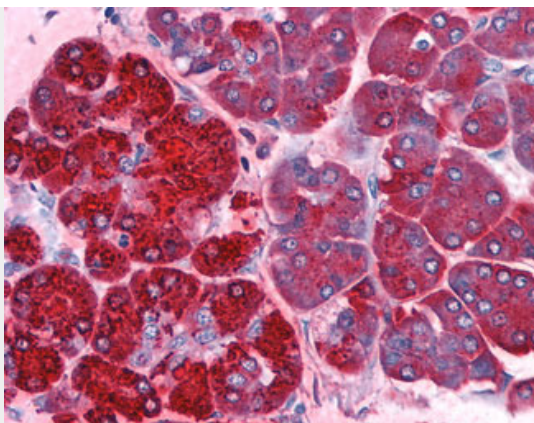
REG1A Antibody (clone 1A4) - Images



Confocal immunofluorescence of PC12 cells using REG1A mouse monoclonal antibody (green).



Anti-REG1A antibody IHC of human small intestine.



Anti-REG1A antibody IHC of human pancreas.

REG1A Antibody (clone 1A4) - Background

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REG1A Antibody (clone 1A4) - References

Terazono K., et al. J. Biol. Chem. 263:2111-2114(1988).
Watanabe T., et al. J. Biol. Chem. 265:7432-7439(1990).
Giorgi D., et al. J. Clin. Invest. 84:100-106(1989).
Boonyasrisawat W., et al. Submitted (JUL-1999) to the EMBL/GenBank/DDBJ databases.
Hillier L.W., et al. Nature 434:724-731(2005).