

REG1A Ab

Cat.#: BF0478	Concn.: ~1mg/ml	Mol.Wt.: 19kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application:	ELISA 1:10000, IHC 1:200-1:1000, IF/ICC 1:200-1:1000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	Affinity-chromatography.
Immunogen:	Purified recombinant fragment of human REG1A expressed in E. Coli.
Uniprot:	P05451
Description:	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.

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