Mouse Reg2 Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2035

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Reg2 in direct ELISAs and Western blots. In Western blots, approximately 50% cross-reactivity with recombinant mouse Reg1 is observed and less than 1% cross-reactivity with recombinant human (rh) Reg1B, recombinant rat (rr) Reg2, rrReg3 and rhReg4 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant mouse Reg2 Asp35-Ala173 Accession # Q08731
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse Reg2
Immunohistochemistry	5-15 µg/mL	Immersion fixed frozen sections of mouse embryo (E15.5)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Mouse Reg2, also known as Lithostathine 2, pancreatic thread protein (PTP2) and pancreatic stone protein 2 (PSP2), is a member of the Reg family of proteins, which are secreted proteins with a C-type lectin domain. Mouse Reg2 is expressed in regenerating islets and normal exocrine pancreas. Mouse Reg2 belongs to the type II subclass of the Reg family and is the only subclass II Reg protein described.

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