Mouse Reg2 Alexa Fluor® 700-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2035N
100 µg

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 (r
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant mouse Reg2 Asp35-Ala173 Accession # Q08731
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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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