

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat Reg3B in direct ELISAs and Western blots. In direct ELISAs, approximately 75% cross-reactivity with recombinant mouse (rm) Reg3B, and approximately 20% cross-reactivity with rmReg3G is observed, and less than 2% cross-reactivity
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant rat Reg3B Glu27-Gly175 Accession # P25031
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

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

Rat Reg3B, also named pancreatitis-associated protein 1, Regenerating islet-derived protein 3-beta and peptide 23, belongs to the Regenerating gene family (Reg), within the superfamily of C-type lectins. It has been classified as a member of the type III subclass of the Reg family. Rat Reg3B has anti-apoptotic effects on pancreatic acinar cells and is a novel motor and sensory neuron survival factor.

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