

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat Reg3B in direct ELISAs and Western blots. Does not cross-react with recombinant mouse Reg1A, 1B, 2A, recombinant rat Reg3, or recombinant human Reg4.
Source	Monoclonal Mouse IgG ₁ Clone # 293523
Purification	Protein A or G purified from hybridoma culture supernatant
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.
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

Reg3B, also named Pancreatitis-Associated Protein (PAP) 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. Reg3B has anti-apoptotic effects on pancreatic acinar cells and is a novel motor and sensory neuron survival factor.

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