

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Reg3B in direct ELISAs and Western blots. In direct ELISAs, does not cross-react with recombinant mouse (rm) Reg3A, rmReg3D, recombinant human Reg3D, recombinant rat (rr) Reg3B, or rrReg3G.
Source	Monoclonal Rat IgG _{2B} Clone # 518630
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse Reg3B Glu27-Gly175 Accession # P35230
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

Reg3B (regenerating islet-derived protein III beta; also PAP-I and HIP) is a secreted, 17 kDa member of the Reg gene family, C-type lectin gene superfamily. It is found in pancreatic acinar cells, intestinal enterocytes and developing spinal motoneurons. Reg3B may play a role in intestinal epithelial cell renewal. It contains one C-type lectin domain. Mature mouse Reg3B is 91% and 67% aa identical to rat and human Reg3B, respectively.

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