

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Reg1B in Western blots. Does not cross-react with recombinant mouse (rm) Reg1, rmReg3A, recombinant rat Reg3A, or recombinant human Reg4.
Source	Monoclonal Mouse IgG _{2B} Clone # 293242
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Reg1B Gln23-Asn166 Accession # P48304
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

Reg1B, also known as secretory pancreatic stone protein 2 and lithostathine 1 beta, is a type I subclass member of the Reg family of secreted proteins and contains a C-type lectin domain. Reg1B is closely related to Reg1A, a protein that is implicated in islet cell regeneration and diabetogenesis.

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