

## DESCRIPTION

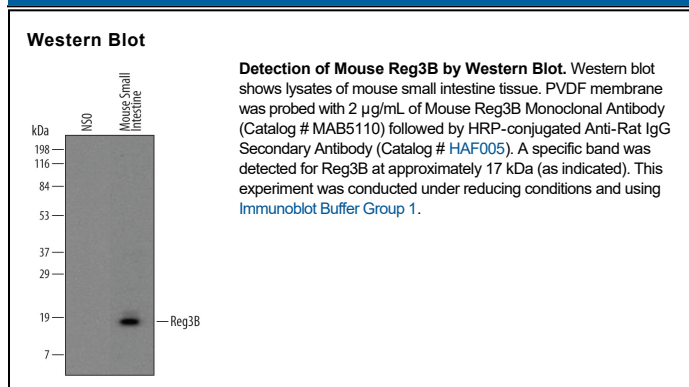
<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse Reg3B in direct ELISAs and Western blots. In direct ELISAs, does not cross-react with recombinant mouse (rm) Reg3A, rmReg3D, recombinant human Reg3D, recombinant rat (rr) Reg3B, or rrReg3G.
<b>Source</b>	Monoclonal Rat IgG <sub>2B</sub> Clone # 518630
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant mouse Reg3B  Glu27-Gly175 Accession # P35230
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

## 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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	2 µg/mL	See Below

## DATA



## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## 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.