

Mouse Reg2 Antibody

Monoclonal Rat IgG_{2A} Clone # 239237 Catalog Number: MAB2098

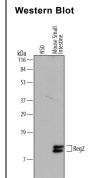
DESCRIPTION	
Species Reactivity	Mouse
Specificity	Detects mouse Reg2 in direct ELISAs and Western blots. Does not cross-react with recombinant mouse (rm) Reg1, recombinant rat (rr) Reg2, rmReg3A, recombinant human Reg4, or rrReg4.
Source	Monoclonal Rat IgG _{2A} Clone # 239237
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	E. coli-derived recombinant mouse Reg2
Formulation	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.

	Recommended Concentration	Sample
Western Blot	2 μg/mL	See Below

DATA



Detection of Mouse Reg2 by Western Blot. Western blot shows lysates of NS0 mouse myeloma cell line, mouse small intestine and pancreas tissue. PVDF membrane was probed with 2 μ g/mL of Mouse Reg2 Monoclonal Antibody (Catalog # MAB2098) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody (Catalog # HAF005). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE		
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.	
Shipping	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	
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.	
	 12 months from date of receipt, -20 to -70 °C as supplied. 	

- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Reg2 is a secreted C-type lectin that is expressed in regenerating pancreatic islets and stimulates the growth of pancreatic beta cells.