

DESCRIPTION

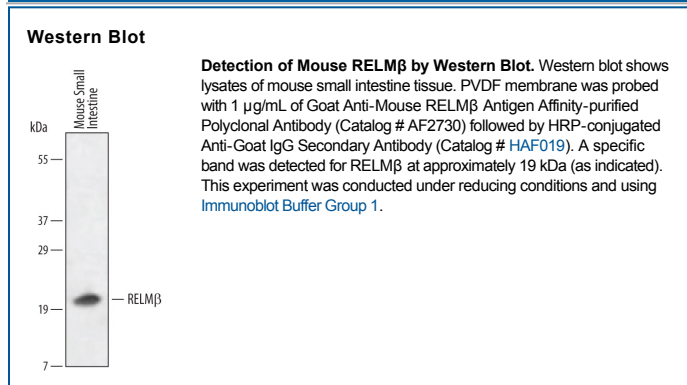
Species Reactivity	Mouse
Specificity	Detects mouse RELM β in direct ELISAs and Western blots. In direct ELISAs, approximately 40% cross-reactivity with recombinant rat RELM γ is observed and 10% cross-reactivity with recombinant mouse (rm) Resistin and rmRELM α is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse RELM β Gly21-Ala105 Accession # Q99P86
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μ m 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	1 μ g/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 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. <ul style="list-style-type: none"> ● 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

RELM β , also known as FIZZ2 (found in inflammatory zone 2) is a 9 kDa secreted, cysteine-rich protein belonging to the RELM family. By analogy to Resistin, RELM β is expected to exist in two distinct multimeric structures corresponding to hexamers and trimers. RELM β is synthesized by intestinal goblet cells and is secreted into the intestinal lumen. Mouse RELM β shares 61% and 77% amino acid (aa) sequence identity with human and rat RELM β , respectively. It also shares 52%, 71% and 46% aa sequence identity with mouse RELM α , RELM γ and Resistin, respectively.