

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Exostosin-like 2/EXTL2 Luminal Domain in direct ELISAs and Western blots. In Western blots, less than 5% cross-reactivity with recombinant mouse EXTL1 and recombinant human EXTL3 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Exostosin-like 2/EXTL2 Luminal Domain Asn43-Met330 Accession # Q9ES89
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	0.1 µg/mL	Recombinant Mouse Exostosin-like 2/EXTL2 Luminal Domain

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

EXTL2 is a type II golgi membrane protein with a C-terminal luminal region that contains the catalytic domain. It is a glycosyl transferase that is required for the biosynthesis of heparan sulfate. The luminal region of mouse EXTL2 shares 90% and 86% aa sequence identity with the canine and human proteins, respectively.