

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Exostosin-like 2/EXTL2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse EXTL1, recombinant human (rh) Exostosin-like 2/EXTL2, or rhEXTL3 is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 339509
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Exostosin-like 2/EXTL2 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	1 µg/mL	Recombinant Mouse Exostosin-like 2/EXTL2

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

Exostosin-like 2/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 amino acid sequence of the mouse EXTL2 is 93%, 90%, 87% and 81% identical to that of rat, canine, human and chicken.