

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Exostosin-like 1/EXTL1 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) EXTL1, rhEXTL2, rhEXTL3, or recombinant mouse EXTL2 is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 353713
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Exostosin-like 1/EXTL1 Ala30-Pro669 Accession # Q9JKV7
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 1/EXTL1
Immunoprecipitation	25 µg/mL	Conditioned cell culture medium spiked with Recombinant Mouse Exostosin-like 1/EXTL1, see our available Western blot detection antibodies

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. <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

Exostosin-like 1 (EXTL1) is a type II Golgi membrane protein and a glycosyl transferase that is required for the biosynthesis of heparan sulfate. The amino acid sequence of mouse EXTL1 is 92%, 76%, 75% and 74% identical to that of rat, chimpanzee, human and canine.