Human Exostosin-like 3/EXTL3 Antibody

Monoclonal Mouse IgG_{2A} Clone # 311007

Catalog Number: MAB2635

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Exostosin-like 3/EXTL3 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG_{2A} Clone # 311007
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Exostosin-like 3/EXTL3 Thr52-Ile919 Accession # O43909
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 Human Exostosin-like 3/EXTL3
Immunoprecipitation	25 µg/mL	Conditioned cell culture medium spiked with Recombinant Human Exostosin-like 3/EXTL3, 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.** ● 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

EXTL3 is an ER-resident type II transmembrane protein belonging to the EXT family of tumor suppressor genes. EXT family members are glycosyl transferases that are involved in the synthesis of the glycosaminoglycan chains of heparan sulfate proteoglycans. EXTL3 was also reported to be a receptor for the REG protein, a pancreatic beta-cell regeneration factor. The amino acid sequence of rhEXTL3 is 98%, 97%, 88%, and 83% identical to that of dog, rat/mouse, *Xenopus* and zebrafish.

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