Mouse Exostosin-like 2/EXTL2 Alexa Fluor® 594-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 339509

Catalog Number: FAB2536T

100 µg

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
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Exostosin-like 2/EXTL2 is a type II Golgi membrane protein with a C-terminal lumenal 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.

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