Mouse OLFM-L3 Alexa Fluor® 488-conjugated Antibody

Monoclonal Rat IgG_{2B} Clone # 740404

Catalog Number: FAB7324G

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse OLFM-L3 in direct ELISAs and Western blots.
Source	Monoclonal Rat IgG_{2B} Clone # 740404
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse OLFM-L3 Gln22-Val406 Accession # Q8BK62
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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

OLFM-L3, also called OLF44, is an approximately 50 kDa secreted scaffolding glycoprotein of the Olfactomedin/Noelin family. It is predominantly expressed in the placenta and early embryo, but at low levels in the adult. In Xenopus it influences dorsoventral patterning during early development by restricting dorsal Chordin activity. Mature mouse OLFM-L3 shares 95% and 97% aa identity with human and mouse OLFM-L3, respectively.

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