

Mouse Lymphotoxin β R/TNFRSF3 Alexa Fluor® 647-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 157108

Catalog Number: FAB10081R
100 μ g

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Lymphotoxin β R in direct ELISAs and Western blots. In direct ELISAs, does not cross-react with recombinant mouse (rm) 4-1BB, rmBAFF R, rmCD27, rmCD30, rmCD40, recombinant human (rh) DR3, rhDR6, rmEDAR, rmFas, rmGITR, rmHVEM, rhLymphotoxin β R, rmNGF R, rmOPG, rmOX40, rmRANK, rhREL1, rmTAJ, rmTNF RI, rmTNF RII, rhTRADD, rmTRAIL R2, rhTRAIL R3, rhTRAIL R4, or rmTWEAK R.
Source	Monoclonal Rat IgG _{2A} Clone # 157108
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Lymphotoxin β R/TNFRSF3 Ser28-Pro218 Accession # P50284
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 μ g/10 ⁶ cells	NIH-3T3 mouse embryonic fibroblast cell line

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Lymphotoxin β R, now designated TNFRSF3, is a cell surface protein expressed in a variety of tissues. Lymphotoxin β R transduces signals following binding of LIGHT or the heterotrimeric lymphotoxin LT α 1/ β 2 or LT α 2/ β 1. It plays a critical role in controlling cellular immune functions and lymphoid organogenesis.

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