

DESCRIPTION

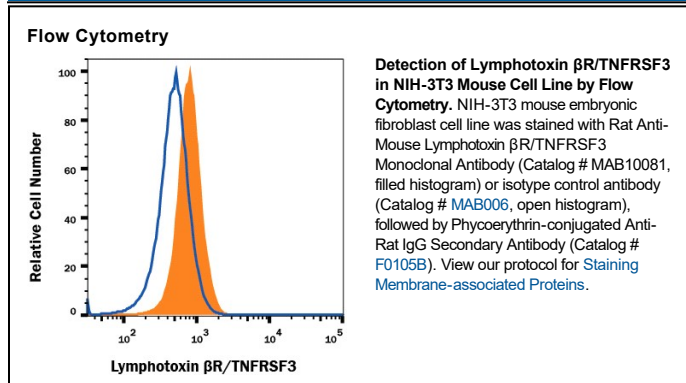
Species Reactivity	Mouse
Specificity	Detects mouse Lymphotoxin β R in direct ELISAs and Western blots. In direct ELISAs, does not cross-react with recombinant mouse (rm) 4-1BB, rmBAFF R, rmCD27, rmCD30, rmCD40, recombinant human (rh) DR3, rhDR6, rmEDAR, rmFas, rmGITR, rmHVEM, rhLymphotoxin β R, rmNGF R, rmOPG, rmOX40, rmRANK, rhREL T, 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
Formulation	Lyophilized from a 0.2 μ m 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 μ m 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 μ g/mL	Recombinant Mouse Lymphotoxin β R/TNFRSF3 under non-reducing conditions only
Flow Cytometry	0.25 μ g/10 ⁶ cells	See Below
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

DATA



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

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.