Mouse Lymphotoxin βR/TNFRSF3 Antibody

Monoclonal Rat IgG_{2B} Clone # 157105

Catalog Number: MAB1008

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Lymphotoxin βR in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody does not cross-react with recombinant mouse (rm) 4-1BB, rmBAFF R, rmCD27, rmCD40, rmDR3, rmDR6, rmEDAR, rmFas, rmGITR, rhHVEM, rhLymphotoxin βR, rmNGF R, rmOPG, rmOX40, rmRANK, rhRELT, rhTAJ, rmTNF RI, or rmTNF RII.
Source	Monoclonal Rat IgG_{2B} Clone # 157105
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Lymphotoxin βR Ser28-Pro218 Accession # P50284
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 Mouse Lymphotoxin βR/TNFRSF3 under non-reducing conditions only

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

Lymphotoxin βR is a member of the TNF receptor superfamily and is now designated TNFRSF3. Lymphotoxin βR transduces signals following binding of LIGHT or the heterotrimeric Lymphotoxins LTα1/β2 or LTα2/β1. It plays a critical role in controlling cellular immune functions and lymphoid organogenesis.

bio-techne®
Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956
USA TEL 800 343 7475 Canada TEL 855 668 8722 China TEL +86 (21) 52380373
Europe | Middle East | Africa TEL +44 (0)1235 529449