

## DESCRIPTION

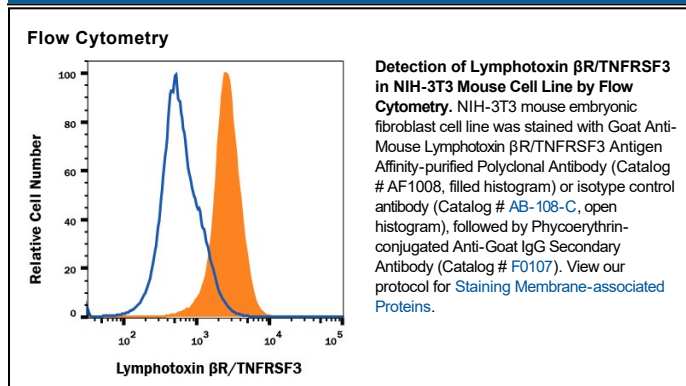
<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse Lymphotoxin $\beta$ R/TNFRSF3 in direct ELISA and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant human (rh) LT $\beta$ R is observed, and less than 1% cross-reactivity with recombinant mouse (rm) 4-1BB, rmCD27, rmOPG, rmRANK, rmCD30, rmCD40, rhDR6, rmTNF RI, rmTNF RII, rmEDAR, rmFas and rmGITR is observed.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse Lymphotoxin $\beta$ R/TNFRSF3 Ser28-Pro218 Accession # P50284
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ 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 $\mu$ 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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	0.1 $\mu$ g/mL	Recombinant Mouse Lymphotoxin $\beta$ R/TNFRSF3
<b>Flow Cytometry</b>	0.25 $\mu$ g/10 <sup>6</sup> cells	See Below
<b>Immunohistochemistry</b>	5-15 $\mu$ g/mL	Perfusion fixed frozen sections of mouse thymus
<b>CyTOF-ready</b>	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

## DATA



## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.2 mg/mL in sterile PBS.
<b>Shipping</b>	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
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## BACKGROUND

Lymphotoxin  $\beta$ R is a member of the TNF receptor superfamily and is now designated TNFRSF3. Lymphotoxin  $\beta$ R transduces signals following binding of LIGHT or the heterotrimeric Lymphotoxins LT $\alpha$ 1/ $\beta$ 2 or LT $\alpha$ 2/ $\beta$ 1. It plays a critical role in controlling cellular immune functions and lymphoid organogenesis.