

## Rat LYMPHOTOXIN BETA RECEPTOR Monoclonal Antibody | anti-Ltbr antibody

RAT ANTI MOUSE LYMPHOTOXIN BETA RECEPTOR

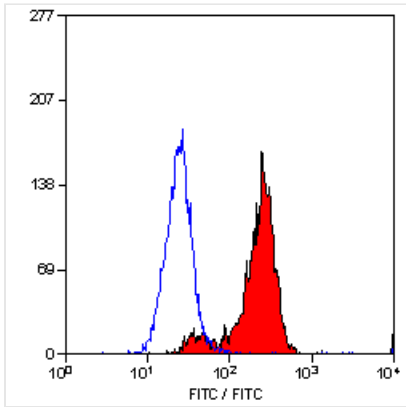
|                              |                    |                                                         |
|------------------------------|--------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA49658</b> | HOST<br><b>Rat</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|------------------------------|--------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

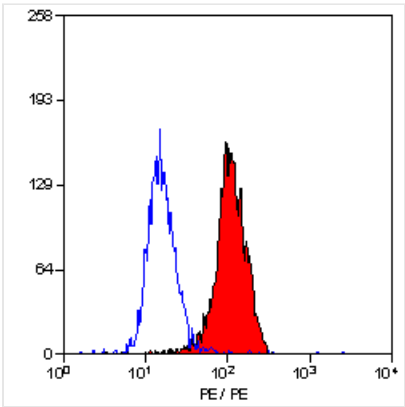
LYMPHOTOXIN BETA RECEPTOR; Monoclonal Antibody; RAT ANTI MOUSE LYMPHOTOXIN BETA RECEPTOR; anti-Ltbr antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rat                                                                                                                                                                                                                                                                                                                                                            |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                        | IgG2a                                                                                                                                                                                                                                                                                                                                                          |
| Clone Number                                   | 5G11b                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format                                    | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                                                                              |
| Concentration                                  | IgG concentration 1.0 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                                | 415                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-Ltbr antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                                                                                                                                                                                      |
| Perservative Stabilisers                       | 0.09% Sodium Azide<br>Preparation                                                                                                                                                                                                                                                                                                                              |
| Immunogen                                      | Recombinant extracellular domain of LT beta R<br>Fusion Partners                                                                                                                                                                                                                                                                                               |
| Target Species                                 | Mouse                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                        | Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |



Application Data  
Staining of mouse WEH1 cells with Rat anti Mouse lymphotoxin receptor beta : FITC



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Staining of mouse WEH1 cells with Rat anti Mouse lymphotoxin receptor beta

ADDITIONAL INFORMATION

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| Related Product Information for anti-Ltbr antibody | Rat anti Mouse Lymphotoxin beta Receptor antibody, clone 5G11b recognizes murine lymphotoxin-beta receptor (LT beta R), a member of the tumor necrosis factor family. LT beta R is primarily expressed on stromal cells and fibroblasts and at lower levels on myeloid cell lines. Rat anti Mouse Lymphotoxin beta Receptor antibody, clone 5G11b recognizes surface expressed LT beta R. Rat anti Mouse Lymphotoxin beta Receptor antibody, clone 5G11b is reported to be agonistic with respect to NF Kappa B activation, MIP-2 induction and IL-6 release (Hehlgans et al. 2003). Rat anti Mouse Lymphotoxin beta Receptor antibody, clone 5G11b is routinely tested on WEH1 cells. |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 7549775                                                                                                                                                                                         |
| NCBI GeneID                      | 17000                                                                                                                                                                                           |
| NCBI Accession #                 | NP_034866.1                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_010736.3                                                                                                                                                                                     |
| UniProt Accession #              | P50284                                                                                                                                                                                          |
| Molecular Weight                 | 44,956 Da                                                                                                                                                                                       |
| NCBI Official Full Name          | tumor necrosis factor receptor superfamily member 3                                                                                                                                             |
| NCBI Official Synonym Full Names | lymphotoxin B receptor                                                                                                                                                                          |
| NCBI Official Symbol             | Ltbr                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | CD18; Ltar; TNFCR; Tnfbr; TNFRrp; LTbetaR; TNFR-RP; Tnfrsf3; AI256028; TNFR2-RP; TNF-R-III                                                                                                      |
| NCBI Protein Information         | tumor necrosis factor receptor superfamily member 3; LT beta-R; LT-beta receptor; TNF receptor-related protein; lymphotoxin-beta receptor; tumor necrosis factor receptor superfamily, member 3 |
| UniProt Protein Name             | Tumor necrosis factor receptor superfamily member 3                                                                                                                                             |
| UniProt Gene Name                | Ltbr                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | Tnfcrr; Tnfrsf3                                                                                                                                                                                 |
| UniProt Entry Name               | TNR3_MOUSE                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.