

# Product Datasheet

## **Lymphotoxin beta R/TNFRSF3 Antibody (4H8 WH2) [Alexa Fluor® 647] NBP2-80054AF647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-80054AF647**

Lymphotoxin beta R/TNFRSF3 Antibody (4H8 WH2) [Alexa Fluor® 647]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | 4H8 WH2   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2a   |
| Conjugate           | Alexa Fluor 647   |
| Purity              | >95%, by SDS-PAGE   |
| Buffer              | 50mM Sodium Borate  |

| Product Description |  |
|---------------------|--|
| Host                | Rat  |
| Gene ID             | 4055   |
| Gene Symbol         | LTBR   |
| Species             | Mouse  |
| Immunogen           | Recombinant mouse Lymphotoxin beta R/TNFRSF3 (cysteine-rich region/aa 31-221).   |
| Notes               | <p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p> |

| Product Application Details |                                  |
|-----------------------------|----------------------------------|
| Applications                | Flow Cytometry, Functional Assay |
| Recommended Dilutions       | Flow Cytometry, Functional Assay |



**Application Notes**

The monoclonal antibody to mouse LT-beta-R is an agonist that can be used for the investigation of the regulation of BAFF (BlyS), chemokines and integrins using in vivo and tissue culture models, the development of NK cells and NK T cells, to study the regulation of NF-kappa-B family of transcription factors in regulation of inflammation and homeostasis, particularly RelB NF-kappa-B2 pathway. For use as an agonist the MAb to LT-beta-R is added to cell cultures at 2ug/ml. For in vivo use, mice are injected intraperitoneally with 50ug of agonistic MAb to LT-beta-R in sterile phosphate saline buffer. Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-80054AF647**

|                   |  |
|-------------------|--|
| IC006R            | Rat IgG2a Isotype Control (54447) [Alexa Fluor® 647]     |
| NBP2-51906-0.05mg | Recombinant Human Lymphotoxin beta R/TNFRSF3 His Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                                 |
| 7538-LR-100       | Lymphotoxin beta R/TNFRSF3 [Unconjugated]                |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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