## **Product Datasheet**

### Lymphotoxin beta R/TNFRSF3 Antibody (4H8 WH2) NBP1-97658

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### NBP1-97658

Lymphotoxin beta R/TNFRSF3 Antibody (4H8 WH2)

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Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4H8 WH2
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	Liquid. In PBS containing 10% glycerol.
Product Description	
Host	Rat
Gene ID	4055
Gene Symbol	LTBR
Species	Mouse
Reactivity Notes	Mouse
Immunogen	Recombinant mouse Lymphotoxin-beta Receptor cysteine-rich region (aa 31-221).
Notes	The monoclonal antibody to mouse LTBR 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-?B family of transcription factors in regulation of inflammation and homeostasis, particularly RelB NF-?B2 pathway. For use as an agonist the MAb to LTBR is added to cell cultures at 2ug/ml. For in vivo use, mice are injected intraperitoneally with 50ug of agonistic MAb to LTBR in sterile phosphate saline.
Product Application Details	
Applications	Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Functional
Application Notes	This antibody is useful in Flow Cytometry, Functional Application (agonist inducing BAFF, chemokines and integrins in vitro and in vivo).

#### **Publications**

Enwere EK, Holbrook J, Lejmi-Mrad R et al. TWEAK and cIAP1 Regulate Myoblast Fusion Through the Noncanonical NF-?B Signaling Pathway Sci Signal 2012-10-16 [PMID: 23074266]

Silva-Santos B, Pennington DJ, Hayday AC et al. Lymphotoxin-mediated regulation of gammadelta cell differentiation by alphabeta T cell progenitors. Science. 2005-02-01 [PMID: 15591166]

Dejardin E, Droin NM, Delhase M et al. The lymphotoxin-beta receptor induces different patterns of gene expression via two NF-kappaB pathways. Immunity. 2002-10-01 [PMID: 12387745]

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#### 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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