



20150217ML

Anti-Human TNFSF3 (#3J26)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M680
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of TNFSF3 (also called lymphotoxin-b).

Target Background

Synonyms (Target):	LTB; p33; TNFC; TNFSF3
---------------------------	------------------------

Lymphotoxin-alpha (LT alpha) and Lymphotoxin-beta (LT beta) are members of the TNF superfamily designated TNFSF1 and TNFSF3, respectively. LT alpha is a soluble protein while LT beta is a type II transmembrane protein. Secreted LT alpha will assemble as a homotrimer, LT alpha 3, or as a complex with membrane-associated LT beta to generate two types of heterotrimers, LT alpha 1/beta 2 and LT alpha 2/beta 1. Lymphotoxins are expressed by activated CD4+ T cells, unpolarized IL-2-secreting effector T cells, and Th1 effector cells.

Database References Target

Protein RefSeq:	NP_002332.1
Uniprot ID:	Q06643
mRNA RefSeq:	NM_002341.1

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#3J26)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Recombinant human TNFSF3
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human TNFSF3.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!