



Rabbit Anti-Lymphotoxin Beta antibody

SL10063R

Product Name:	Lymphotoxin Beta
Chinese Name:	Tumour坏死因子C/淋巴毒素β抗体
Alias:	LT beta; LT-beta; LTB; lymphotoxin beta (TNF superfamily, member 3); lymphotoxin beta; lymphotoxin-beta; OTTHUMP00000038214; p33; TNF C; TNF-C; TNFC; TNFC_HUMAN; TNFSF3; tumor necrosis factor C (lymphotoxin beta); tumor necrosis factor C; tumor necrosis factor ligand superfamily member 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	25kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Lymphotoxin Beta:171-244/244<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Lymphotoxin beta is a type II membrane protein of the TNF family. It anchors lymphotoxin-alpha to the cell surface through heterotrimer formation. The predominant form on the lymphocyte surface is the lymphotoxin-alpha 1/beta 2 complex and this complex is the primary ligand for the lymphotoxin-beta receptor. LTB is an inducer of

the inflammatory response system and involved in normal development of lymphoid tissue. Lymphotoxin-beta isoform b is probably non-functional. Alternative splicing results in multiple transcript variants encoding different isoforms.

Function:

Cytokine that binds to LTBR/TNFRSF3. May play a specific role in immune response regulation. Provides the membrane anchor for the attachment of the heterotrimeric complex to the cell surface. Isoform 2 is probably non-functional.

Subunit:

Heterotrimer of either two LTB and one LTA subunits or (less prevalent) one LTB and two LTA subunits.

Subcellular Location:

Membrane; Single-pass type II membrane protein (Potential).

Tissue Specificity:

Spleen and thymus.

Similarity:

Belongs to the tumor necrosis factor family.

SWISS:

Q06643

Gene ID:

4050

Database links:

[Entrez Gene: 4050](#) Human

[Entrez Gene: 16994](#) Mouse

[Omim: 600978](#) Human

[SwissProt: Q06643](#) Human

[SwissProt: P41155](#) Mouse

[Unigene: 376208](#) Human

[Unigene: 1715](#) Mouse

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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