



LT- β Monoclonal Antibody

Catalog No	YP-mAb-16089
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LTB TNFC TNFSF3
Immunogen	Synthetic peptide from human protein at AA range: 41-90
Specificity	The antibody detects endogenous LT- β
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	LT beta;LT-beta;Ltb;lymphotoxin beta;Lymphotoxin-beta;p33;TNF-C;TNFC;TNFC_HUMAN;TNFSF3;Tumor necrosis factor C;Tumor necrosis factor ligand superfamily member 3;LT- β ;LTB TNFC TNFSF3;Lymphotoxin-beta (LT-beta) (Tumor necrosis factor C) (TNF-C) (Tumor necrosis factor ligand superfamily member 3);Lymphotoxin-beta (LT-beta;Tumor necrosis factor ligand superfamily member 3)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Membrane ; Single-pass type II membrane protein .
Tissue Specificity	Spleen and thymus.
Function	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.,similarity:Belongs to the tumor necrosis factor family.,subunit:Heterotrimer of either two LTB and one LTA subunits or (less prevalent) one LTB and two LTA subunits.,tissue specificity:Spleen and thymus.,

**Background**

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 (e.g. 1 molecule alpha/2 molecules beta) and this complex is the primary ligand for the lymphotoxin-beta receptor. The minor complex is lymphotoxin-alpha 2/beta 1. LTB is an inducer of the inflammatory response system and involved in normal development of lymphoid tissue. Lymphotoxin-beta isoform b is unable to complex with lymphotoxin-alpha suggesting a function for lymphotoxin-beta which is independent of lymphotoxin-alpha. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images