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anti-LTB antibody

2 Images



Overview

Quantity:	200 μL
Target:	LTB
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LTB antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human LTB
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details	
Target:	LTB
Alternative Name:	LTB (LTB Products)
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

Target Details

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 lympyhotoxin-alpha. Alternative splicing results in multiple transcript variants encoding different isoforms.

NCBI Accession: NP_002332

UniProt: Q06643

Pathways: NF-kappaB Signaling

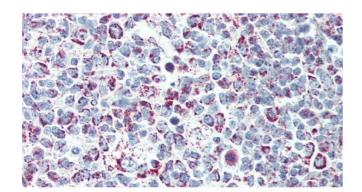
Application Details

Application Notes: IHC 1:30-1:150

Restrictions: For Research Use only

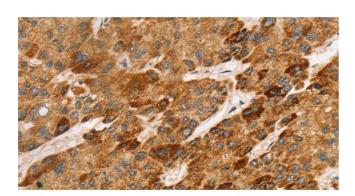
Handling

Format:	Liquid
Concentration:	0.9 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Tonsil tissue using LTB Polyclonal Antibody at dilution of 1:90.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using LTB Polyclonal Antibody at dilution 1:45