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anti-LTA antibody (Internal Region)

Images



Overview	
Quantity:	100 μL
Target:	LTA
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LTA antibody is un-conjugated

Immunofluorescence (IF)

Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC),

Product Details

Application:

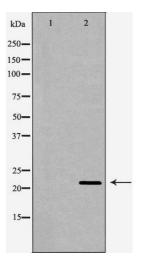
Immunogen:	A synthesized peptide derived from human TNF beta, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TNF beta Antibody detects endogenous levels of total TNF beta.
Predicted Reactivity:	Horse,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target: LTA

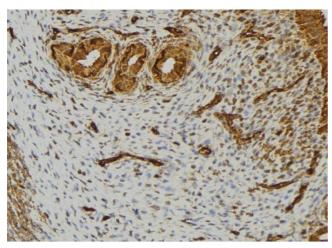
Target Details

Alternative Name:	LTA (LTA Products)
Target Type:	Chemical
Background:	Description: Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1,
	TNFRSF1B/TNFBR and TNFRSF14/HVEM. In its heterotrimeric form with LTB binds to
	TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of
	tumor cells in vitro and in vivo.
	Gene: LTA
Molecular Weight:	22kDa
Gene ID:	4049
UniProt:	P01374
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts of human spleen , using LTA antibody. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6276718 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_{i} aC. An HRP conjugated goat anti-rabbit antibody was used as the secondary