

LTA

Mouse Anti-Human Lymphotoxin alpha/TNF beta Clone 359-238-8 mAb

Catalog No.	CSI12132 CSI12133	Quantity:	50 µg 0.5 mg
Alternate Names:	Tumor necrosis factor-β, Lymphotoxin-α (LT-α), Coley's toxin, Hemorrhagic factor, Necrosin, Natural killer cytotoxic factor (NKCF), Differentiation inducing factor (DIF), TNFSF-1, TNF-β, TNF-beta,		
Description:	Tumor necrosis factor-beta (TNF-β), also known as lymphotoxin-α (LT-α) is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells. TNF-β possesses a signal peptide sequence and is a secreted protein; however, TNF-β is also present on the surface of activated T, B and LAK cells as a complex with LT-β. Bioactive TNF-β exists as a homotrimer. The 359-238-8 antibody can neutralize the bioactivity of natural or recombinant human TNF-β.		
Concentration:	0.5 mg/ml		
Gene ID:	9055		
Cellular Sources:	Activated T and B cells, fibroblasts, astrocytes, myeloma, endothelial cells, epithelial cells.		
Regulation:	Type II integral membrane protein, forms heterotrimer with type II integral membrane protein LT-β either as LT α 1 β 2 or LT α 2 β 1; processed secreted form is trimeric.		
Host:	Mouse		
Immunogen:	<i>E.coli</i> expressed, recombinant human TNF-β		
Isotype:	Mouse IgG1, κ		
Clone:	359-238-8		
Cellular Targets:	Monocytes, B cells, fibroblasts, neutrophils, osteoclasts, keratinocytes, endothelial cells		
Formulation:	This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	The antibody was purified by affinity chromatography		
Structure:	TNF superfamily; trimer; 25 kD (Mammalian).		
Reactivity:	Human		
Applications:	ELISA Capture		

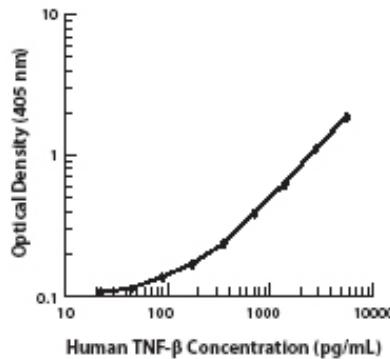


Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 1-4 µg/ml is recommended. It is recommended that the reagent be titrated for optimal performance for each application

Storage & Stability: The antibody solution should be stored undiluted at 4°C.

Receptors: TNFRSF1A (TNF-R1, CD120a, TNFR-p60 Type β , p55); TNFRSF1B (TNF-R2, CD120b, TNFR-p80 Type A, p75)

Bioactivity/Activities: Transformed cell cytotoxicity; mediator of inflammatory and immune functions; fibroblast synthesis of GM-CSF, G-CSF, IL-1, collagenase, prostaglandin E2; monocyte terminal differentiation, synthesis of G-CSF; neutrophil chemoattractant.



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