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

Catalog No.	CSI12134 CSI12135	**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-b, 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: 1.0 mg/ml

Gene ID: 4049

Structure: TNF superfamily; trimer; 25 kD (Mammalian)

Regulation: Type II integral membrane protein, forms heterotrimer with type II integral membrane protein LT-β either as LTα1β2 or LTα2β1; processed secreted form is trimeric.

Host: Mouse

Immunogen: *E.coli* expressed, recombinant human TNF-β

Isotype: Mouse IgG1, κ

Clone: 359-238-8

Bioactivity: 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, production of reac.

Formulation: Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 µm filter sterilized. Endotoxin level is < 0.1 EU/µg of the protein (< 0.01 ng/µg of the protein) as determined by the LAL test.

Purification: The LE/NA (Low Endotoxin, Azide-Free) antibody was Purified by affinity chromatography

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

Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com

Reactivity: Human

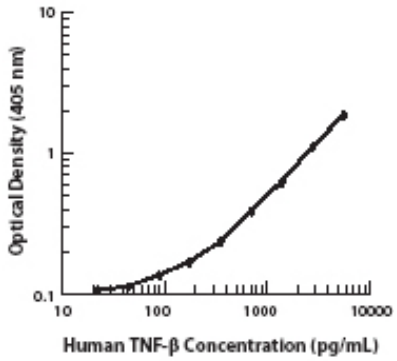
Applications: ELISA Capture, ELISPOT Capture, Neut

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. To obtain a linear standard curve, serial dilutions of TNF-β recombinant protein ranging from 1000 to 8 pg/ml are recommended for each ELISA plate. 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. This LE/NA solution contains no preservative; handle under aseptic conditions.

Cellular Sources: Activated T and B cells, fibroblasts, astrocytes, myeloma, endothelial cells, epithelial cells

Cellular Targets: Monocytes, B cells, fibroblasts, neutrophils, osteoclasts, keratinocytes, endothelial cells



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Cell Sciences®
480 Neponset Street
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