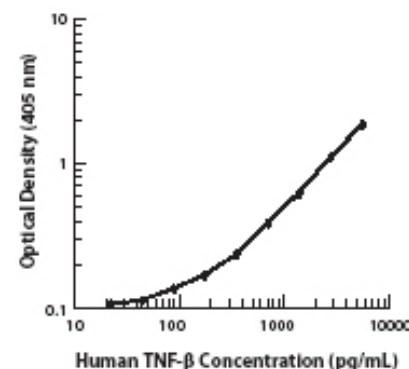


Product Data Sheet

Purified anti-human LT- α (TNF- β)

Catalog # / Size: 503002 / 500 μ g
Clone: 359-238-8
Isotype: Mouse IgG1, κ
Immunogen: *E.coli* expressed, recombinant human LT- α .
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5 mg/ml
Storage: The antibody solution should be stored undiluted at 4°C.



Applications:

Applications: ELISA Capture - *Quality tested*

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

Application Notes: **ELISA or ELISPOT Capture^{1,2}:** The purified 359-238-8 antibody is useful as the capture antibody in a sandwich ELISA or ELISPOT assay, when used in conjunction with the biotinylated 359-81-11 antibody (Cat. No. 503104) as the detecting antibody. The LEAF™ purified antibody is suggested for ELISPOT capture.
Neutralization^{1,2}: The 359-238-8 antibody can neutralize the bioactivity of human LT- α . The LEAF™ purified antibody (Endotoxin <0.1 EU/ μ g, Azide-Free, 0.2 μ m filtered) is recommended for neutralization of human LT- α bioactivity (Cat. No. 503004).

Application References: 1. Meager A, *et al.* 1987. *J. Immunol. Methods* 104:31.
 2. Meager A, *et al.* 1987. *Hybridoma*. 6:305.

Description: Lymphotoxin- α (LT- α), also known as tumor necrosis factor-beta (TNF- β), is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells. LT- α possesses a signal peptide sequence and is a secreted protein; however, LT- α is also present on the surface of activated T, B and LAK cells as a complex with LT- β . Bioactive LT- α exists as a homotrimer.

Antigen References: 1. Fitzgerald K, *et al.* Eds. 2001. *The Cytokine FactsBook*. Academic Press, San Diego.
 2. Aggarwal B, *et al.* Eds. 1992. *Tumor necrosis factors:structure, function, and mechanism of action*. Marcel Dekker Inc.
 3. Bonavida B, *et al.* Eds. 1990. *Tumor necrosis factor:structure, mechanisms of action, role in disease and therapy*. Karger, Basel.
 4. Paul N, *et al.* 1987. *Annu. Rev. Immunol.* 6:407.

Related Products:

Product
 Biotin anti-human LT- α (TNF- β)

Clone
 359-81-11

Application

ELISA Detection, ELISPOT
 Detection, ICFC
 ICFC, IHC
 BA, ELISA
 ELISA, ELISPOT, IHC, WB
 ELISA
 ELISA

Purified anti-human LT- α (TNF- β)
 Recombinant Human TNF- β
 HRP Avidin
 TMB Substrate Reagent Set
 ELISA Assay Diluent (5X)

359-81-11
 rh TNF-B
 Avidin



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