

ARG30069 TNF alpha ELISA Antibody Duo

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG10001	anti-TNF alpha antibody [CH8820]	Mouse mAb	Hu	ELISA, IHC-P, Neut	100 µg
ARG10194	anti-TNF alpha antibody [B1E4] (HRP)	Mouse mAb	Hu	ELISA	100 µl

Summary

Product Description

Tumor Necrosis Factor-alpha (TNF-α) is a multifunctional pro-inflammatory cytokine, mainly secreted by activated macrophages. It is implicated with a variety of biological procedures including systemic inflammation, cell proliferation, apoptosis, lipid metabolism, and coagulation. The pleiotropic attribute of TNF-α regulation is associated with its ability to trigger multiple signalling pathways through its receptors, TNFR1 (p55) and TNFR2 (p75). TNF-α not only contributes to the immune response to bacterial, fungal, viral and parasitic invasions, but also functions in tissue remodeling, autoimmune-diseases and the necrosis of specific tumors. TNF-α hyper-expression in response to some bacterial components such as LPS can cause life threatening septic shock. Recombinant TNF-α, in combination with chemotherapy, has been applied for treatment of soft sarcomas, melanomas and other irresectable tumors. Anti-TNF-α therapy has been used for treatment of rheumatoid arthritis. ARG30069 TNF alpha ELISA Duos, includes a capture antibody, ARG10001 TNF alpha antibody [CH8820] and a HRP-conjugated tracer antibody, ARG10194 TNF alpha (Tracer) antibody [B1E4] (HRP), for studying Tumor Necrosis Factor-alpha (TNF-α) protein expression level by ELISA.

Related news:
[HMGB1 in inflammation](#)
[Inflammatory Cytokines](#)

Target Name TNF alpha

Alternate Names TNF alpha ELISA antibody; TNF alpha antibody; HRP-conjugated TNF alpha antibody

Properties

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name ELISA Antibody Duo for TNF alpha

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[TNF alpha antibodies](#); [TNF alpha ELISA Kits](#); [TNF alpha Duos / Panels](#); [TNF alpha recombinant proteins](#);

Research Area

Cancer antibody; Cell Biology and Cellular Response antibody; Immune System antibody; Metabolism antibody; Signaling Transduction antibody