9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

29-1012: anti-TNF-Alpha (mouse), mAb (blocking) (V1q) (preservative free)

Clone Name :	V1q
Reactivity :	Mouse
Alternative Name :	Tumor Necrosis Factor Ligand Superfamily Member 2; TNFSF2; Cachectin
Isotype :	Rat IgD
Immunogen Information :	Cytotoxin purified from ConA induced T cell clone 29.

Description

Purified from concentrated hybridoma tissue culture supernatant.It recognizes and reacts both natural and recombinant mouse TNF-alpha. It cross-reacts with recombinant human TNF-alpha in an ELISA binding assay (blocking not tested). It does not cross-react with TNF-beta (Lymphotoxin-Alpha). Tumor necrosis factor (TNF, cachexin or cachectin and formerly known as tumor necrosis factor-alpha) is a cytokine involved in systemic inflammation and metabolism and is a member of a group of cytokines that stimulate the acute phase reaction. It causes tumor necrosis in vivo and shows also cytolytic activity against tumors. Signal transduction occurs via two types of TNF-receptors, the TNF-receptors 1 and 2. The receptor TNF-R1 is activated by both the membrane-bound and soluble trimeric forms of TNF-alpha, whereas the receptor TNF-R2 only responds to the membrane-bound form of TNF-alpha. The monoclonal antibody V1q recognizes endogenous mouse TNF-alpha.

Product Info

Amount :	100 µg
Purification :	>=95% (SDS-PAGE)
Content :	Concentration: 1mg/ml Formulation: Liquid. In PBS.
Storage condition :	Stable for at least 1 year after receipt when stored at -20°C.

Application Note

Endotoxin Content: <0.01EU/ µg purified protein (LAL test). Functional Application: Inhibition of mouse TNF-alpha function in vivo (in mice). 20µg of antibody/mouse is sufficient to block the activity of endogenous mouse TNF-alpha. Flow Cytometry: (1:200-1:1'000)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.