



Magic™ Mouse Anti-Human TNF alpha monoclonal antibody, clone 31139D (DMABB-JX1097)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	TNF
Immunogen	A synthesized peptide derived from TNF
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	31139D
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA (Det) We recommend the following as antibody pair (Capture - Detection): DMABB-JX1096 - DMABB-JX1097 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific
Size	100µg

Buffer	Liquid in PBS containing 0.09% sodium azide as a preservative.
Preservative	0.09% sodium azide
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

BACKGROUND

Introduction	This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.
Keywords	TNF; DIF; TNFA; TNFSF2; TNF-alpha

GENE INFORMATION

Entrez Gene ID	7124
UniProt ID	P01375