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10-3538: Monoclonal Antibody to human TNF-alpha(Discontinued)

Clonality :	Monoclonal
Clone Name :	T1
Application :	FACS,WB
Reactivity :	Human
Gene :	TNF
Gene ID :	7124
Uniprot ID :	P01375
Alternative Name :	TNFA,Â TNFSF2, Cachectin, TNF-alpha
Isotype :	Mouse IgG1
Immunogen Information :	BALB/c mice with huTNF, fusion of spleen cells with NSO myeloma cells

Description

The antibody reacts with free soluble (17 kDa) and membrane (26 kDa) human TNF-alpha. The antibody inhibits the biological activity of both forms. It does not react with receptor bound TNF-alpha. It can be a useful tool to discriminate between the membrane form of TNF expressed on producer cells and the proteolytically cleaved, soluble TNF-alpha bound to its cognate cell membrane receptors (TNF-RI and TNF-RII). For this purpose we recommend to use this antibody in combination with the anti-TNF-alpha antibody , which recognizes soluble, membrane and receptor bound TNF-alpha.

Product Info

Amount :	alpha(Discontinued) / 500 µg
Content :	0.5 mg, 0.2 µm protein G purified antibody solution in PBS, containing 0.1% bovine serum albumin.
Storage condition :	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.

Application Note

FS: The monoclonal antibody T1 can be used for inhibition of the biological activity of TNF-alpha. Western Blot analysis: A reduced sample treatment and SDS-Page was used. The band size is 17 kDa. Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50. For functional studies, in vitro dilutions have to be optimized in userÃ□â□□s experimental setting.

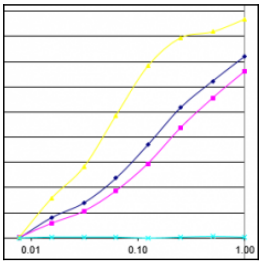


Figure-1: Immuno Assay experiment. 10-3538 was used as detection antibody in different concentrations. The light blue line is a negative control.

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