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HIGH PERFORMANCE ANTIBODIES ... AND MORE

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TNF-Alpha Antibody [MAb11] (FITC)

CATALOG NUMBER: 77-182

Specifications

SPECIES REACTIVITY:	
TESTED APPLICATIONS:	
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	The MAb11 monoclonal antibody specifically reacts with human tumor necrosis factor alpha (TNF-alpha), a 157 amino acid non-glycosylated protein.
HOST SPECIES:	Mouse

Properties

PURIFICATION:	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.
PHYSICAL STATE:	liquid
BUFFER:	Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2.
CONCENTRATION:	0.5 mg/mL
STORAGE CONDITIONS:	The product should be stored undiluted at 4˚C and should be protected from prolonged exposure to light. Do not freeze.
CLONALITY:	Monoclonal
ISOTYPE:	Mouse IgG1, kappa
CONJUGATE:	FITC

Additional Info

ALTERNATE NAMES:	DIF, TNFA, TNFSF2, TNF-alpha, TNF
OFFICIAL SYMBOL:	TNF
GENE ID:	7124

Background

BACKGROUND:	The MAb11 monoclonal antibody specifically reacts with human tumor necrosis factor alpha (TNF-alpha), a 157 amino acid non-glycosylated protein. TNF-alpha is a pleiotropic pro-inflammatory cytokine secreted by various cells including adipocytes, activated monocytes, macrophages, B cells, T cells and fibroblasts. It belongs to the TNF family of ligands and signals through two receptors, TNFR1 and TNFR2. TNF-alpha is cytotoxic to a wide variety of tumor cells and is an essential factor in mediating the immune response against bacterial infections. TNF-alpha also plays a role in the induction of septic shock, auto immune diseases, rheumatoid arthritis, inflammation, and diabetes. The MAB11 antibody was generated from recombinant human TNF and is reported to be a neutralizing antibody.

FOR RESEARCH USE ONLY

December 13, 2016