



Datasheet: OI0003

Specification:

Description: Mouse anti-mouse tumor necrosis factor-alpha
Specificity: Tumor necrosis factor (TNF- α)
Immunogen: Tumor necrosis factor (TNF- α) is a pleiotropic inflammatory cytokine. Mouse TNF- α recombinant protein with a His tag was used as an antigen for immunization.
Target Species: Human
Cross Reactivity: Mouse, Rat
Clone: 9C6
Isotype: IgG2b
Preparation: Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution: 1x Phosphate buffered saline, pH7.2
Preservatives: BSA 1mg/ml
Quantity: 0.1 mg
Storage: Storage Store at -20°C only. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.
Self life: 18 months from the date of dispatch.
Quality control testing: Antibody reactive against mouse macrophage J774A.1 cell lysates induced by LPS.

Application:

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

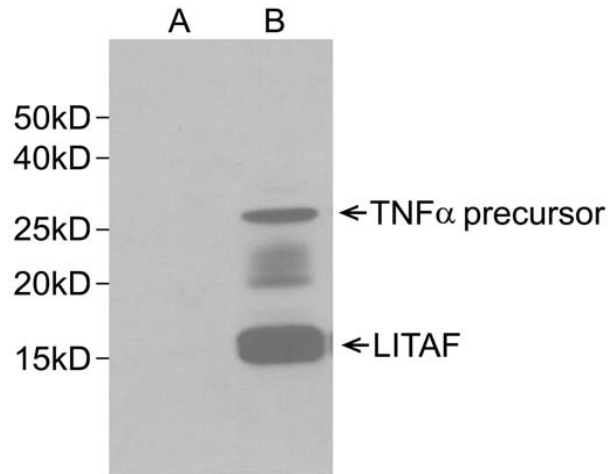
	Yes	No	Not determined
Western blot	X		
Immunoprecipitation			X
ELISA	X		
Immunohistology			X
Flow Cytometry			X

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrate the product for use in their own system using appropriate negative/positive controls.



This antibody (9C6) could neutralize mouse TNF-alpha activity by blocking TNF-alpha's cytotoxic effect on L929 cells. It also showed good in vivo activity in the LPS-induced sepsis model.

Application image:



Western blotting: (A) J774A.1; (B) J774A.1 treated with LPS (0.5ug/ml, 8h. LITAF, LPS-induced TNF-alpha factor)

Reference(s):

1. Zhou H, Wang Y, Wang W, Jia J, Li Y, Wang Q, Wu Y, Tang J. Generation of monoclonal antibodies against highly conserved antigens. PLoS One. 2009 Jun 30; 4(6): e6087.

*For research purposes only, unless otherwise specified in writing by OncoImmune Inc.

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