



Datasheet: OI0004

Specification:

Description: Mouse anti-human macrophage migration inhibitory factor
Specificity: Macrophage migration inhibitory factor (MIF)
Immunogen: Macrophage migration inhibitory factor (MIF) is an important mediator of inflammatory responses and a drug target for sepsis and autoimmune diseases. Human MIF recombinant protein with a His tag was used as an antigen for immunization.
Target Species: Human
Cross Reactivity: Mouse, Rat
Clone: 10C3
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 Jurkat cell lysates.

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

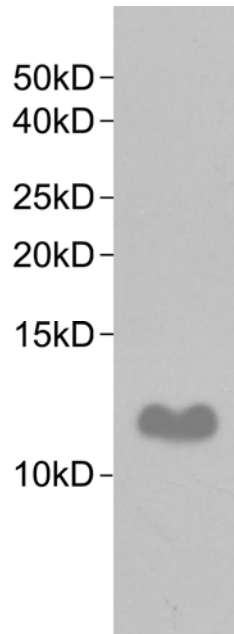
Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrate the product for use in their own system using appropriate negative/positive controls.

This antibody could block *in vitro* MIF-induced nitric oxide secretion in the macrophage cell line Raw264.7, and furthermore it could rescue LPS-induced lethality in a mouse sepsis



model, showing its *in vivo* activity. Since the antibody is of mouse origin, it may be useful for chronic treatment of mouse disease model.

Application image:



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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