

Polyclonal Anti-Macrophage migration inhibitory, MIF**Catalogue No.** PA1052**Lot No.** 06k01**Ig type:** rabbit IgG**Size:** 100µg/vial**Specificity**

Human, mouse, rat.

No cross reactivity with other proteins.

Recommended application*Western blot**Immunohistochemistry(P)**Immunocytochemistry***Immunogen**

A synthetic peptide corresponding to a sequence at the C-terminal of human MIF, different from the related rat and mouse sequence by single amino acid.

Purity

Immunogen affinity purified.

Application*Western blot*

At 1-2µg/ml with the appropriate system to detect MIF in cells and tissues.

Immunohistochemistry(P)

At 1-2µg/ml to detect MIF in formalin fixed and paraffin embedded tissues.

Immunocytochemistry

Suitable

*Other applications have not been tested.**Optimal dilutions should be determined by end user.***Contents**Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.**Reconstitution**

0.2ml of distilled water will yield a concentration of 500µg/ml.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

Relative detection systems

Boster provides a series of assays reacted with primary antibodies. Antibody can be supported by chemiluminescence kit EK1002 in WB, supported by SA1022 in IH(P) and IC.

UK & Rest of World184 Milton Park, Abingdon
OX14 4SE, Oxon, UK
Tel: +44 (0) 1235 828 200
Fax: +44 (0) 1235 820 482**Switzerland**Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
Tel: +41 (0) 91 604 55 22
Fax: +41 (0) 91 605 17 85**Deutschland**Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
Tel: +49 (0) 69 779099
Fax: +49 (0) 69 13376880**United States**23591 El Toro Rd, Suite #167
Lake Forest, CA 92630
Tel: + 1 800 987 0985
Fax: + 1 949 265 7703

BACKGROUND

Macrophage migration inhibitory factor, MIF, is a cytokine released by T-lymphocytes, macrophages, and the pituitary gland that serves to integrate peripheral and central inflammatory responses. MIF gene has 3 exons separated by introns of only 189 and 95 bp, and covers less than 1 kb. Localization of the human gene for macrophage migration inhibitory factor (MIF) to chromosome 22q11.2 MIF plays a critical role in inflammatory diseases and atherogenesis.

REFERENCE

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amsbio

info@amsbio.com