

**Anti-M-Ficolin (human)
Mouse monoclonal antibody**

Subclass: IgG1/k

PRODUCT NO.

ABS 036-05

Clone: 5

PRESENTATION

Preparation: Protein-A/G purified

Content: Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.

Solvent: 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide

Storage: 4-8°C without exposure to light. No precautions necessary during handling.

ANTIGEN

M-Ficolin (Ficolin-1) is a non-serum protein that is expressed in leukocytes and lung. M-Ficolin precipitates with mannose-binding lectin (MBL)-associated serine proteases (MASP)-1 and MASP-2, indicating that M-Ficolin forms complexes with MASP-1 and MASP-2, recognizes certain types of bacteria and subsequently activates the lectin pathway (1).

IMMUNOGEN

Recombinant human M-Ficolin (aa 95 to 314) adsorbed onto aluminum hydroxide gel

SPECIFICITY

ABS 036-05 reacts specifically with M-Ficolin

EPI TOPE SPECIFICITY

Not determined

REACTIVITY

In ELISA ABS 036-05 reacts with recombinant M-Ficolin coated directly into the microtiter well.

CULTURE MEDIUM

RPMI 1640 with 10% fetal calf serum

FUSION PARTNER

SP2mIL6

IMMUNIZATION

Female CF1 x BALB/c mice immunized by subcutaneous injection

APPLICATION

Method	Usability	References
ELISA	Yes	
Immunoblotting	Not determined	
Immunohistochemistry	Not determined	

REFERENCES

1. Liu Y, Endo Y, Iwaki D, Nakata M, Matsushita M, Wada I, Inoue K, Munakata M, Fujita T (2005) Human M-Ficolin is a secretory protein that activates the lectin complement pathway. *J Immunol* 175:3150-3156.

CONDITIONS

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.