

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

Subclass: IgG1/k

CAT. NO.

**ABS 036-05**

Clone: 5

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**SPECIFICITY** ABS 036-05 reacts specifically with M-Ficolin.**IMMUNOGEN** Recombinant human M-Ficolin (aa 95 to 314)**TESTED APPLICATIONS** ELISA**SPECIES REACTIVITY (POSITIVE)** Human**SPECIES REACTIVITY (NEGATIVE)** Not determined**EPITOPE SPECIFICITY** Not determined

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**PRESENTATION****Content:** Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.**Preparation:** Protein-A purified**Form:** Liquid**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.

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**APPLICATION** **ELISA:** In ELISA ABS 036-05 reacts with recombinant M-Ficolin coated directly into the microtiter well.**TARGET** 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.**REFERENCES****CONDITIONS**

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