

## Anti-M-Ficolin (human)

CAT. NO. ABS 036-05

### OVERVIEW

|                     |                           |             |              |
|---------------------|---------------------------|-------------|--------------|
| Product Name        | Anti-M-Ficolin (human)    | Conjugation | Unconjugated |
| Description         | Mouse monoclonal antibody | Host        | Mouse        |
| Isotype             | IgG1/k                    | Clone       | 5            |
| Tested Applications | ELISA                     |             |              |

### SPECIFICITY

|                                |  |                                |                |
|--------------------------------|--|--------------------------------|----------------|
| Specificity                    | ABS 036-05 reacts specifically with M-Ficolin.   | Gene ID                        | 2219           |
| Immunogen                      | Recombinant human M-Ficolin (aa 95 to 314)   |                                |                |
| 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. |                                |                |
| Species Reactivity<br>POSITIVE | Human  | Species Reactivity<br>NEGATIVE | Not determined |

### PROPERTIES

|                   |   |                    |                 |
|-------------------|---|--------------------|-----------------|
| Form              | Liquid  | Unit Size          | 0,4 mL and 1 mL |
| Concentration     | 1 mg/mL ±15%, See CoA for lot details                                   |                    |                 |
| Purification      | Protein A or Protein G purified   | Purification Notes | BSA free        |
| Storage buffer    | 0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide |                    |                 |
| Storage condition | 2-8°C without exposure to light   |                    |                 |
| Safety            | Wear protective clothing  |                    |                 |

### TESTED APPLICATIONS

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

N/A

### CONDITIONS

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