Anti-H-Ficolin (human)

Mouse monoclonal antibody

RIG 334-01

Subclass: IgG1/k
Clone: FCN334

SPECIFICITY
RIG 334-01 reacts specifically with H-ficolin. No cross-reaction has been observed with L- or M-ficolin.

IMMUNOGEN
Recombinant human H-ficolin

TESTED APPLICATIONS
ELISA

SPECIES REACTIVITY (POSITIVE)
Human

SPECIES REACTIVITY (NEGATIVE)
Not determined

EPITOPE SPECIFICITY
Mouse monoclonal antibody
Subclass: Not determined
Clone: FCN334

APPLICATION
ELISA: RIG 334-01 reacts with recombinant H-ficolin coated directly onto the microtiter well. A sandwich ELISA for H-ficolin uses RIG 334-01 for both capture and detection (1).

IP: RIG 334-01 can be used in immunoprecipitation (2).

TARGET
H-Ficolin (Hakata antigen, Ficolin-3) is an innate immunity pattern recognition molecule found in human serum. H-Ficolin binds to distinct pathogen-associated molecular patterns (PAMP) formed by carbohydrates (GlcNAc, GalNAc and fucose) activating complement through the lectin pathway by means of the associated MASP (MBL-associated serine proteases). H-Ficolin consists of 35 kDa protein chains associated in triplet subunits which are again associated in high molecular weight oligomers by means of disulfide bonds at the N-terminal region.

REFERENCES

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.

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.

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Anti-H-Ficolin (human)

Mouse monoclonal antibody, biotinylated
RIG 334-01 B

Subclass: IgG1/k
Clone: FCN34

SPECIFICITY
RIG 334-01 reacts specifically with H-ficolin. No cross-reaction has been observed with L- or M-ficolin.

IMMUNOGEN
Recombinant human H-ficolin

TESTED APPLICATIONS
ELISA

SPECIES REACTIVITY
Human

NOT determined

EPITOPE SPECIFICITY
Not determined

PRESENTATION
Content:
100 µL, 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:
Biotinylated
Form:
Liquid
Solvent:
0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide
Storage:
4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION
ELISA: RIG 334-01 reacts with recombinant H-ficolin coated directly unto the microtiter well. A sandwich ELISA for H-ficolin uses RIG 334-01 for both capture and detection (1).

TARGET
H-Ficolin (Hakata antigen, Ficolin-3) is an innate immunity pattern recognition molecule found in human serum. H-Ficolin binds to distinct pathogen-associated molecular patterns (PAMP) formed by carbohydrates (GlcNAc, GalNAc and fucose) activating complement through the lectin pathway by means of the associated MASP ((MBL)-associated serine proteases). H-Ficolin consists of 35 kDa protein chains associated in triplet subunits which are again associated in high molecular weight oligomers by means of disulfide bonds at the N-terminal region.

REFERENCES