



Ficolin, M

Catalog number

F4499-40

Supplier

United States Biological

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.

Applications

Suitable for use in ELISA. Other applications not tested.

Recommended Dilutions

Optimal dilutions to be determined by the researcher.

Storage and Stability:

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

Recombinant protein corresponding to aa95-314 of human M-Ficolin.

Formulation

Supplied as a liquid in PBS, pH 7.4, 15mM sodium azide.

Purity

Purified by Protein A affinity chromatography from culture supernatant.

Specificity

Recognizes human M-Ficolin.

Product Type

Mab

Source

human

Isotype

IgG1,k

Grade

Affinity Purified

Applications



E

Crossreactivity

Hu

Storage

-20°C

Reference

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.