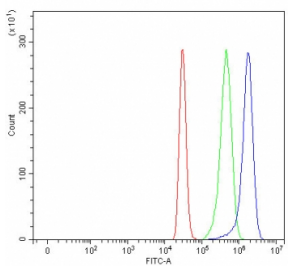
Mannose-binding protein C Antibody / MBL2 (RQ8126)

Catalog No.	Formulation	Size
RQ8126	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P11226
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Mannose-binding protein C antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with Mannose-binding protein C antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Mannose-binding protein C antibody.



Western blot testing of human HCCT cell lysate with Mannose-binding protein C antibody. Predicted molecular weight ~26 kDa.

Description

This gene encodes the soluble mannose-binding lectin or mannose-binding protein found in serum. The protein encoded belongs to the collectin family and is an important element in the innate immune system. The protein recognizes and binds to mannose and N-acetylglucosamine on many microorganisms, including bacteria, yeast, and viruses including influenza virus, HIV and SARS-CoV. This binding activates the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases.

Application Notes

Optimal dilution of the Mannose-binding protein C antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E21-I248) was used as the immunogen for the Mannose-binding protein C antibody.

Storage

After reconstitution, the Mannose-binding protein C antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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