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# PerCP/Cyanine5.5 Anti-Human IgM Antibody[MHM-88]

Catalog Number: E-AB-F1172J

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ
Clone No. MHM-88

**Isotype Control** PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]

**Conjugation** PerCP/Cyanine 5.5

**Conjugation Information** PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected

using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

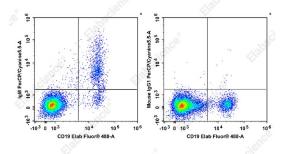
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### Applications Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### Data



Overnight cultured human peripheral blood lymphocytes are

stained with Elab Fluor® 488 Anti-Human CD19 Antibody and PerCP/Cyanine5.5 Anti-Human IgM Antibody[MHM-88]

(Left). lymphocytes are stained with Elab Fluor<sup>®</sup> 488 Anti-Human CD19 Antibody and PerCP/Cy5.5 Mouse IgG1, κ Isotype Control (Right).

### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

# **Antigen Information**

Alternate Names IGHM;Immunoglobulin M;Immunoglobulin heavy constant mu

Uniprot ID P01871

# For Research Use Only

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# **Elabscience Bionovation Inc.**



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Gene ID

Background

3507

lgM is the first immunoglobulin made by B cells in the immune response. Surface lgM is expressed on immature and mature B cells, while lgM heavy ( $\mu$ ) chain is expressed intracellularly in pre-B cells.