

## 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, $\kappa$
Clone No.	MHM-88
Isotype Control	PerCP/Cyanine5.5 Mouse IgG1, $\kappa$ 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 and 1% protein protectant.

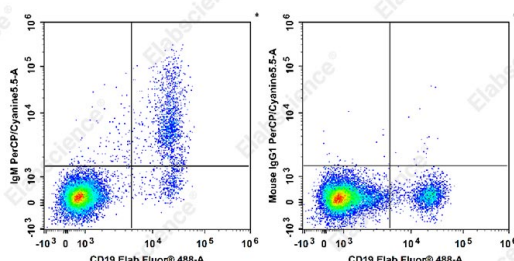
### Applications

### 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® 488 Anti-Human CD19 Antibody and PerCP/Cy5.5 Mouse IgG1,  $\kappa$  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
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### For Research Use Only

**Uniprot ID**

P01871

**Gene ID**

3507

**Background**

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

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