

PE/Cyanine7 Rabbit anti-Mouse IgM mAb

Catalog No.: A29097

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC58894

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Background

Enables several functions, including antigen binding activity; identical protein binding activity; and immunoglobulin receptor binding activity. Acts upstream of or within several processes, including early endosome to late endosome transport; immunoglobulin mediated immune response; and positive regulation of B cell proliferation. Located in external side of plasma membrane; extracellular space; and perinuclear region of cytoplasm. Part of B cell receptor complex and immunoglobulin complex, circulating. Is expressed in several structures, including brain; hemolymphoid system; and liver. Used to study non-Hodgkin lymphoma and type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in agammaglobulinemia. Orthologous to human IGHM (immunoglobulin heavy constant mu).

Recommended Dilutions

FC ≤0.25 µg per million cells in
100 µl volume

Immunogen Information

Gene ID

Swiss Prot

P01872

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Igm; muH; Igh6; Igh-6; Igh-M

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

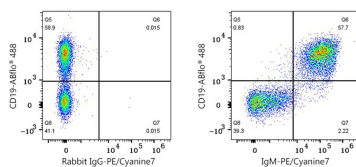
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rabbit anti-Mouse CD19 mAb (A24100, 5 µl/Test) and PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test, left) or PE/Cyanine7 Rabbit anti-Mouse IgM mAb (A29097, 0.25 µg, right).