Leader in Biomolecular Solutions for Life Science

www.abclonal.com

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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

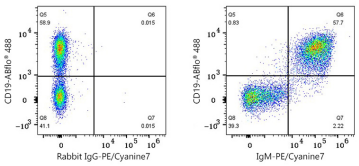
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 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).