

AS175

Leader in Biomolecular Solutions for Life Science



PE/Cyanine7 Rabbit anti-Mouse IgM mAb

Catalog No.: AS175

Basic Information

Observed MW

Calculated MW

50kDa

Category

Monoclonal Antibody

Applications

FC

Cross-Reactivity

Mouse

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 5 μ l per 10^6 cells in 100 μ l volume

Immunogen Information

Gene ID

16019

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

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

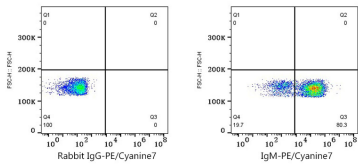
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or PE/Cyanine7 Rabbit anti-Mouse IgM mAb (AS175,5 µl/Test,right).