

For Research Use Only

CoraLite® Plus 647 Anti-Human IgM Rabbit Recombinant Antibody

Catalog Number: CL647-98744



Basic Information

Catalog Number:

CL647-98744

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6742

GenBank Accession Number:

BC020240

GeneID (NCBI):

3507

Full Name:

immunoglobulin heavy constant mu

Purification Method:

Protein A purification

CloneNo.:

252244H7

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

IgM (Immunoglobulin M) is the first immunoglobulin expressed during B cell development. IgM antibodies play an important role in primary immune response involved in early recognition of external invaders like bacteria and viruses, cellular waste and modified self, as well as in recognition and elimination of precancerous and cancerous lesions.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

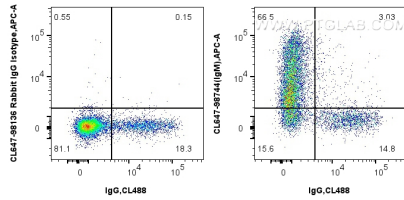
T: 4006900926

E: Proteintech-CN@ptglab.com

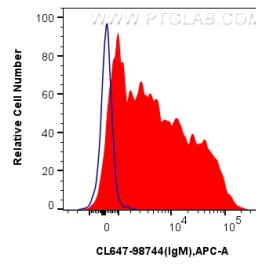
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human IgM Rabbit RecAb (CL647-98744, Clone: 252244H7) or CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-98136, Clone: 240953C9). CD19⁺ cells were gated. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human IgM Rabbit RecAb (CL647-98744, Clone: 252244H7) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-98136, Clone: 240953C9) (blue). CD19⁺ cells were gated. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.