Anti-Mouse IgM polyclonal antibody [APC] (CPBT-67976GM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview
Goat anti Mouse IgM antibody recognizes the heavy chain of mouse IgM as demonstrated by ELISA and flow cytometry. Minimal cross reactivity is observed with human immunoglobulins. This Goat anti Mouse IgM polyclonal antibody has been cross absorbed against Mouse IgG1, IgG2a, IgG2b, IgG3 and IgA, pooled human sera and purified human paraproteins. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10^6 cells in 100ul.

Specificity
IGHM

Immunogen
Mouse IgM paraproteins.

Isotype
IgG

Source/Host
Goat

Species Reactivity
Mouse

Conjugate
APC

Applications
FC; IF

Procedure
Secondary Antibodies

Format
Purified Ig conjugated to Allophycocyanin (APC) - liquid

Size
250 µg

Preservative
0.1% Sodium Azide

Storage
+4°C DO NOT FREEZE This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Warnings
For research purposes only

GENE INFORMATION

Gene Name
Ighm immunoglobulin heavy constant mu [ Mus musculus (house mouse) ]

Official Symbol
Ighm
<table>
<thead>
<tr>
<th><strong>Synonyms</strong></th>
<th>IGHM; immunoglobulin heavy constant mu; IgM; muH; Igh6; Igh-6; Igh-M; AI326478;</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Entrez Gene ID</strong></td>
<td>16019</td>
</tr>
<tr>
<td><strong>UniProt ID</strong></td>
<td>P01872</td>
</tr>
<tr>
<td><strong>Chromosome Location</strong></td>
<td>12 62.1 cM; 12 F1-2</td>
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<td><strong>Pathway</strong></td>
<td>Adaptive Immune System; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; Immune System; Signaling by the B Cell Receptor (BCR);</td>
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<td><strong>Function</strong></td>
<td>antigen binding; protein binding; transmembrane signaling receptor activity</td>
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