

For Research Use Only

Anti-Human CD35 (E11) Mouse IgG2a Recombinant Antibody, PBS Only

Catalog Number: 65622-1-PBS



Basic Information

Catalog Number:

65622-1-PBS

Size:

1mg, 2mg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

NM_000573

GeneID (NCBI):

1378

ENSEMBL Gene ID:

ENSG00000203710

Full Name:

complement component (3b/4b) receptor 1 (Knops blood group)

Calculated MW:

224 kDa

Purification Method:

Protein A purification

CloneNo.:

E11

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD35, also known as complement receptor type 1 (CR1) or C3b/C4b receptor, is a single-chain glycoprotein consisting of 30 repeating homologous protein domains known as short consensus repeats (~60 amino acids each) followed by transmembrane and cytoplasmic domains (PMID: 8765013). CD35 is variably expressed by granulocytes, monocytes, B cells, some T cells, erythrocytes, follicular dendritic cells, Langerhans cells, and glomerular podocytes (PMID: 19004497). CD35 acts as a receptor for C3b and C4b and plays important roles in the regulation of the complement cascade and clearance of immune complexes.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

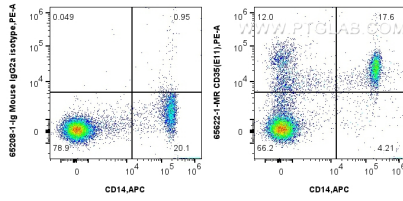
T: 4006900926

E: Proteintech-CN@ptglab.com

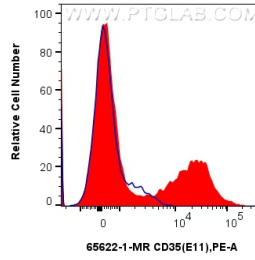
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD35 (E11) Mouse IgG2a Recombinant Antibody (65622-1-MR, Clone: E11) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) and PE-conjugated Goat Anti-Mouse IgG. Cells were then stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 65622-1-PBS in a different storage



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD35 (E11) Mouse IgG2a Recombinant Antibody (65622-1-MR, Clone: E11) (red) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue) and PE-conjugated Goat Anti-Mouse IgG. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 65622-1-PBS in a different storage buffer formulation.

