Cardinal Red™ Anti-Human CD35 (E11)

proteintech®
Antibodies | ELISA kits | Proteins
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Catalog Number: CR-65254

Basic Information

Catalog Number:
CR-65254

Size:
100tests , 5 μl/test

Source:
Mouse

Isotype:
IgG1, kappa

GenBank Accession Number:
NM_000573

GeneID (NCBI):
1378

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

Calculated MW:
224 kDa

Purification Method:
N/A

CloneNo.:
E11

Excitation/Emission maxima wavelengths:
592 nm / 611 nm

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.
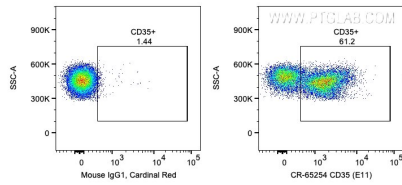
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
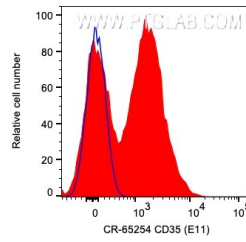**Storage Buffer:**
PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data

1X10^6 human PBMCs were surface stained with 5 ul Cardinal Red™ Anti-Human CD35 (CR-65254, Clone:E11) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.

1X10^6 human PBMCs were surface stained with 5 ul Cardinal Red™ Anti-Human CD35 (CR-65254, Clone:E11) (red) or Mouse IgG1 Isotype Control (blue). Cells were not fixed. Lymphocytes were gated.