

## Purified Anti-Human CD35 Antibody[E11]

catalog number: E-AB-F1062A

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

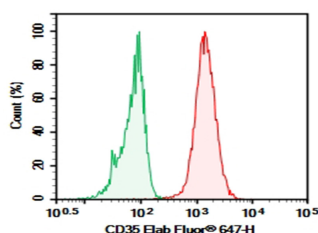
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD35 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone</b>	E11
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 $\mu$ g/mL ( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
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### Data



Human peripheral blood granulocytes cell were stained with 0.2  $\mu$ g Purified Anti-Human CD35 Antibody[E11] (Right) and 0.2  $\mu$ g Mouse IgG1,  $\kappa$  Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

CD35, also known as complement receptor 1 (CR1), is a 220-300 kDa N-glycosylated member of the RCA (regulators of complement activation) family of proteins. CD35 binds and internalizes particles and immune complexes that are opsonized with MBL or complement components C3b, C3i, C4b, or C1q. CD35 additionally protects the cell from complement-mediated lysis by serving as a cofactor for Factor I and inhibiting the C3 and C5 convertases. The extracellular domain (ECD) of human CD35 contains 30 tandem SCR/SUSHI repeats.

### For Research Use Only