



## Product Datasheet

# Purified Anti-Human CD35 Antibody [E11]

Catalogue Code: AGEL0257

### Antibody Data

<b>Product SKU:</b>	<b>AGEL0257</b>	<b>Clone:</b>	<b>E11</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

### Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information:

<b>Alternate Names:</b>	Complement receptor type 1;CR1;C3b/C4b receptor;CD35;CR1;C3BR;
<b>Uniprot ID:</b>	P17927
<b>Background:</b>	CD35 is a type I single chain of glycoprotein, also known as C3b/C4b receptor, Complement Receptor type 1 or CR1. Four molecular weight allotypes (160kD, 190kD, 220kD, and 250kD) have been described. CD35 is expressed on granulocytes, monocytes, B cells, erythrocytes, and follicular dendritic cells, as well as subsets of NK and T cells. CD35 binds complement C3b, C4b, or iC3, and iC4, and plays important roles in both innate and adoptive immune response via mediating phagocytosis by granulocytes and monocytes. CD35 has also been reported to inhibit T-cell proliferation.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	Unconjugated
<b>Size:</b>	25&micro;g, 100&micro;g
<b>Host Species:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1, $\kappa$
<b>Isotype Control:</b>	Purified Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product AGEL0257]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Shipping:</b>	Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.