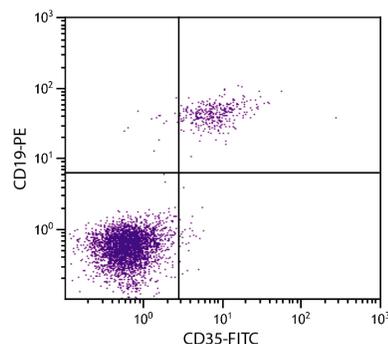




## Mouse Anti-Human CD35

Cat. No.	Format	Size
9600-01	Purified (UNLB)	0.1 mg
9600-02	Fluorescein (FITC)	100 tests
9600-09	R-phycoerythrin (PE)	100 tests



Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD35-FITC (SB Cat. No. 9600-02) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).

### Overview

<b>Clone</b>	E11
<b>Isotype</b>	Mouse (BALB/c) IgG <sub>1κ</sub>
<b>Immunogen</b>	Acute monocytic leukemia cells and normal blood monocytes
<b>Specificity</b>	Human/Rhesus/Cynomolgus/Chimpanzee/Baboon CD35; Mr 160, 190, 220, 250 kDa
<b>Alternate Name(s)</b>	CR1, complement receptor type 1, C3bR, C4bR, immune adherence receptor
<b>Workshop</b>	III 204; IV M65

### Description

The CD35 antigen is composed of four different allotypes having different molecular weights [A (or F) - 160 kDa, B (or S) - 190 kDa, C - 220 kDa, and D - 250 kDa]. It is the receptor for C3b and is found on B cells, a subset of T cells, monocytes, neutrophils, follicular dendritic cells, erythrocytes, and kidney glomerular podocytes. CD35 mediates neutrophil and monocyte phagocytosis of particles coated with C3b and/or C4b. This interaction also enhances phagocytosis mediated by the Fc receptors.

### Applications

FC – Quality tested <sup>8,11</sup>  
 IHC-FS – Reported in literature <sup>7</sup>  
 IHC-PS – Reported in literature <sup>6</sup>  
 IP – Reported in literature <sup>1,2</sup>  
 WB – Reported in literature <sup>3-5,9,10</sup>  
 ELISA – Reported in literature <sup>1,2,4,5</sup>

### Working Dilutions

<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 μg/10 <sup>6</sup> cells
	FITC and PE conjugate	10 μL/10 <sup>6</sup> cells
For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL		

**Other Applications** Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

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Some reagents contain sodium azide. Please refer to product specific (M)SDS.

## References

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