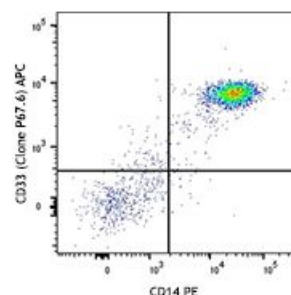
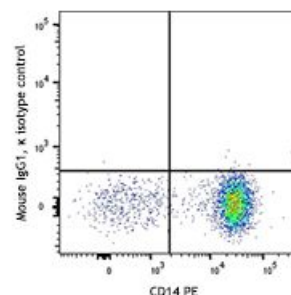


APC anti-human CD33**Catalog # /** 2433030 / 100 tests**Size:** 2433025 / 25 tests**Clone:** P67.6**Isotype:** Mouse IgG1, κ **Immunogen:** FMY9S5 cells expressing CD33 gene.**Reactivity:** Human**Preparation:** The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions.**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).**Workshop Number:** HCDM listed**Concentration:** Lot-specific

Human peripheral blood monocytes were stained with CD14 PE and CD33 (clone P67.6) APC (Top) or mouse IgG1, κ APC (Bottom).

Applications:**Applications:** Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 μ l per million cells or 5 μ l per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



Application References: 1. Hoyer J, et al. 2008. *Am. J. Clin. Pathol.* 129:316.

Description: CD33, also known as Siglec-3, gp67, and p67, is a 67 kD type I transmembrane glycoprotein. It is a sialoadhesion immunoglobulin superfamily member, which is expressed on myeloid progenitors, monocytes, granulocytes, dendritic cells, and mast cells. CD33 is absent on normal platelets, lymphocytes, erythrocytes, and hematopoietic stem cells. CD33 functions as a sialic acid-dependent cell adhesion molecule with carbohydrate/lectin binding activity.

Antigen References: 1. Favaloro E, et al. 1988. *Br. J. Haematol.* 69:163.
2. Freeman S, et al. 1995. *Blood* 85:2005.