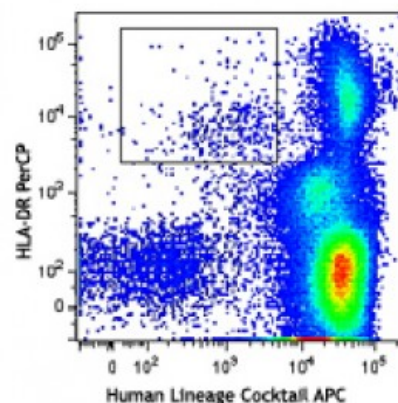


## APC anti-human Lineage Cocktail (CD3, CD14, CD19, CD20, CD56)

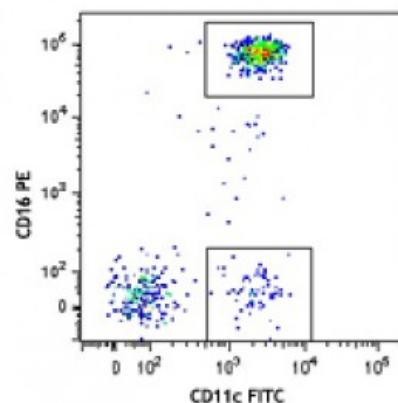
<b>Catalog # / Size:</b>	2343515 / 50 tests
<b>Clone:</b>	UCHT1, HCD14, HIB19, 2H7, HCD56
<b>Isotype:</b>	Mouse IgG1, $\kappa$ , Mouse IgG2b, $\kappa$
<b>Reactivity:</b>	Human
<b>Preparation:</b>	The antibody cocktail was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
<b>Concentration:</b>	Lot-specific



Human peripheral blood leukocytes stained with APC anti-Human Lineage Cocktail (CD3, CD14, CD19, CD20, CD56) and HLA-DR PerCP.

## Applications:

<b>Applications:</b>	Flow Cytometry
<b>Recommended Usage:</b>	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 20 microL per million cells or 20 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



Human Lineage negative/dim and HLA-DR<sup>+</sup> leukocyte population was stained with CD11c FITC and CD16 PE.

**Description:** This anti-Human Lineage Cocktail is optimized for the detection of human lymphocytes, monocytes, eosinophils, and neutrophils. In combination with other markers, it can be used for studies of dendritic cells (DCs), including DCs that express CD16. This cocktail is composed of CD3, CD14, CD19, CD20, and CD56. CD3 is the antigen mainly found on T cells; CD14 is expressed on monocytes/macrophages and at low levels on neutrophils and eosinophils; CD19 and CD20 are on B cells; CD56 is located on NK cells.

**Antigen References:**

1. Zola H, *et al.* Eds. 2007. Leukocyte and Stromal Cell Molecules. New Jersey.
2. Olweus J, *et al.* 1997. *P. Natl. Acad. Sci. USA* 94:12551.
3. Banchereau J, *et al.* Eds. 1995. Advances in Experimental Medic