

**APC anti-human CD85k (ILT3)**

**Catalog # / Size:** 2265075 / 25 tests  
2265080 / 100 tests

**Clone:** ZM4.1

**Isotype:** Mouse IgG1,  $\kappa$

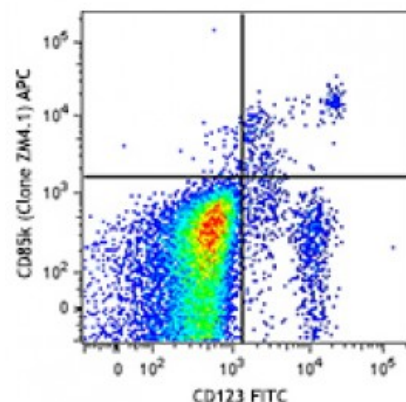
**Immunogen:** ILT3 fusion protein

**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

**Concentration:** Lot-specific

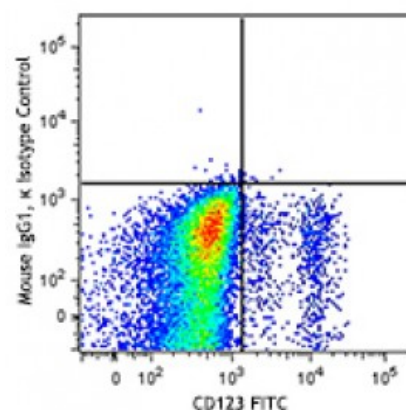


Human peripheral blood lymphocytes were stained with CD123 FITC and CD85k (clone ZM4.1) APC (top) or mouse IgG1,  $\kappa$  APC isotype control (bottom).

**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 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



**Application References:** NULL

**Description:** CD85k, known as Immunoglobulin-like transcript (ILT) 3, is an inhibitory receptor expressed by dendritic cells and a subset of white blood cells called monocytes. ILT3, also known as Leukocyte Immunoglobulin-Like Receptor subfamily B member 4 (LILRB4) and Leukocyte Immunoglobulin-like Receptor 5 (LIR-5), is a type I membrane protein that contains cytoplasmic ITIM motifs and is involved in the down-regulation of immune responses. Expression of ILT3 is up-regulated on tolerogenic dendritic cells.

**Antigen References:** 1. Cella M, *et al.* 1997. *J. Exp. Med.* 185:1743.  
2. Penna G, *et al.* 2005 *Blood* 5:2044.