

PE anti-human CD85k (ILT3)

Catalog # / Size: 2265035 / 25 tests
2265040 / 100 tests

Clone: ZM4.1

Isotype: Mouse IgG1, κ

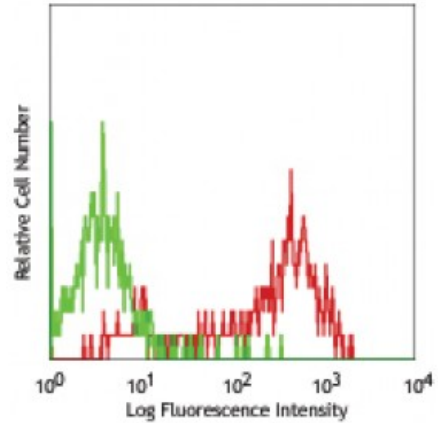
Immunogen: ILT3 fusion protein

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE 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 monocyte-derived dendritic cells stained with ZM4.1 PE

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 microL to 5 microL per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or 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.