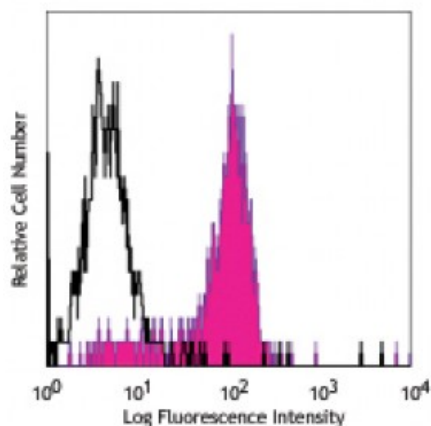


**Purified anti-human CD85k (ILT3)**

**Catalog # / Size:** 2265010 / 100 µg  
**Clone:** ZM4.1  
**Isotype:** Mouse IgG1, κ  
**Immunogen:** ILT3 fusion protein  
**Reactivity:** Human  
**Preparation:** The antibody was purified by affinity chromatography.  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.  
**Concentration:** 0.5



Human monocyte derived dendritic cells stained with purified ZM4.1 followed by anti-mouse IgG FITC

**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 ≤2.0µg per million cells in 100 µL volume. 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.