

## Purified anti-human CD85k (ILT3)

**Catalog # / Size:** 333002 / 100 µg

**Clone:** ZM4.1

**Isotype:** Mouse IgG1, κ

**Immunogen:** ILT3 fusion protein

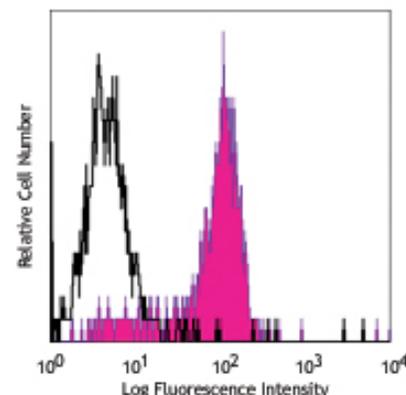
**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

**Concentration:** 0.5 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C.



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

## Applications:

**Applications:** FC - *Quality tested*

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent 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.

**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.

**Related Products:**  
**Product**  
Purified Mouse IgG1, κ Isotype Ctrl  
Cell Staining Buffer  
RBC Lysis Buffer (10X)

**Clone**  
MOPC-21

**Application**  
FC, ICFC, ICC, IF, IHC, IP, WB  
FC, ICC, ICFC  
FC, ICFC



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