

## Anti-IL-T3 Antibody-APC (4M315)

## Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	APC
Clone:	4M315
Purification:	Protein A

## Applications

Verified Activity:	Flow cytometric analysis of Human LILRB4(CD85k) expression on human whole blood monocytes. Cells were stained with APC-conjugated anti-Human LILRB4(CD85k). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable monocytes.
Application:	FCM
Recommended	5 µl/Test, 0.1 mg/ml

## Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human LILRB4/CD85k/ILT3 Protein (TMPY-04650)
Antigen Species:	Human
Synonyms:	ILT3;leukocyte immunoglobulin like receptor B4;ILT-3;LIR5;LIR-5;CD85K

## Research Background

LILRB4 (Leukocyte Immunoglobulin Like Receptor B4) is a Protein Coding gene. This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. The receptor can also function in antigen capture and presentation. LILRB4 is believed to down-regulate activation signals mediated by non-receptor tyrosine kinase cascades through the recruitment of SHP-1. LILRB4 is associated with the pathological processes of various inflammatory diseases. The LILRB4 is a central inhibitory receptor in Uterine dendritic cells (uDCs) that plays essential immune-regulatory roles at the maternal-fetal interface.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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