

Anti-IL-T4 Antibody-PE (5V475)

Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	PE
Clone:	5V475
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human LILRB2(CD85d) expression on human whole blood monocytes. Cells were stained with PE-conjugated anti-Human LILRB2(CD85d). 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 LILRB2 / ILT4 / LIR-2 Protein (TMPY-03284)
Antigen Species:	Human
Synonyms:	ILT4;MIR10;leukocyte immunoglobulin like receptor B2;LIR2;MIR-10;LIR-2;CD85D;ILT-4
Biology Area:	ITIM/ITAM Immunoreceptors and Related Molecules

Research Background

ILT4, also known as LILRB2, is a member of the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). ILT4 gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. Multiple transcript variants encoding different isoforms have been found for the ILT4 gene. ILT4 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. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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