

PE anti-human CD85g (ILT7)

Catalog # / Size: 326407 / 25 tests
326408 / 100 tests

Clone: 17G10.2

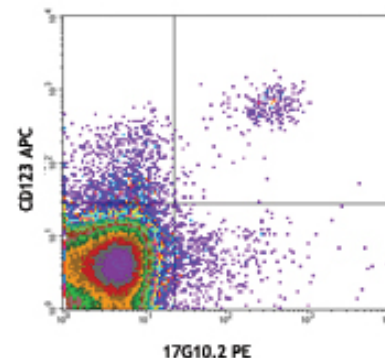
Isotype: Mouse IgG1, κ

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).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



CD14⁺ human peripheral blood mononuclear cells stained with CD123 APC and 17G10.2 PE

Applications:

Applications: FC - Quality tested

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 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

Application Notes: Additional reported (for the relevant formats) applications include: trigger ILT7 mediated signaling. The LEAF™ purified antibody (Endotoxin <0.1 EU/ μ g, Azide-Free, 0.2 μ m filtered) is recommended for functional assays (Cat. No. 326404).

Application References: 1. Jensen MA, *et al.* 2013. *Ann Rheum Dis.* 72:596. PubMed.

Description: ILT7 (immunoglobulin-like transcript 7) is a member of leukocyte immunoglobulin-like receptor (LIR or LILR) gene family, also known as CD85g and LILRA4. It contains four extracellular Ig domains. In association with Fc ϵ R1 γ , ILT7 forms a receptor complex that transduces ITAM-mediated signals. ILT7 is specifically expressed on plasmacytoid dendritic cells (pDCs), but not on myeloid dendritic cells and other peripheral blood leukocytes. ILT7 negatively regulates the innate immune functions of human pDCs. Cross-linking 17G10.2 antibody is able to trigger ILT7 mediated signaling.

Antigen References: 1. Cao W, *et al.* 2006. *J. Exp. Med.* 203(6):1399.
2. Brown D, *et al.* 2004. *Tissue Antigen.* 64:215.
3. Rissoan MC, *et al.* 2002. *Blood* 100:3295.

Related Products:

Product
Cell Staining Buffer
PE Mouse IgG1, κ Isotype Ctrl (FC)
Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone
MOPC-21

Application
FC, ICC, ICFC
FC
FC, ICC, ICFC



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