

PE anti-human CD85a (ILT5)

Catalog # / Size: 337703 / 25 tests
337704 / 100 tests

Clone: MKT5.1

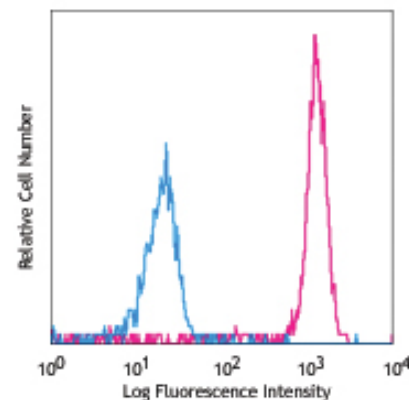
Isotype: Rat IgG2a, κ

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.**



Human peripheral blood monocytes stained with MKT5.1 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.

Description: CD85 is a group of Ig superfamily transmembrane glycoproteins called Ig-Like Transcripts (ILTs) or Leukocyte Immunoglobulin-like Receptors (LIRs). CD85a is the 110kD member, known as ILT5, LIR-3, or HL9. ILT5 structurally has four extracellular Ig domains and 4 ITIMs in its cytoplasmic tail that provide inhibitory signals. ILT5 is found on the surface of Monocytes/macrophages, granulocytes, NK cells and T-cell subset. ILT5 provides inhibitory signals through interaction with MHC class I molecules.

Antigen References:

- Zola H, *et al.* 2007. *Leukocyte and Stromal Cell Molecules*:The CD Markers Wiley-Liss A John Wiley & Sons Inc, Publication
- Sloane DE, *et al.* 2004. *Blood* 104:2832
- Colonna M, *et al.* 1998. *J. Immunol.* 160:3096

Related Products:

| | | |
|---|--------------|--------------------|
| Product | Clone | Application |
| PE Rat IgG2a, κ Isotype Ctrl | RTK2758 | FC, ICFC |
| Cell Staining Buffer | | FC, ICC, ICFC |
| RBC Lysis Buffer (10X) | | FC, ICFC |
| Human TruStain FcX™ (Fc Receptor Blocking Solution) | | FC, ICC, ICFC |



For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.



*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, www.biolegend.com/ordering#license). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.