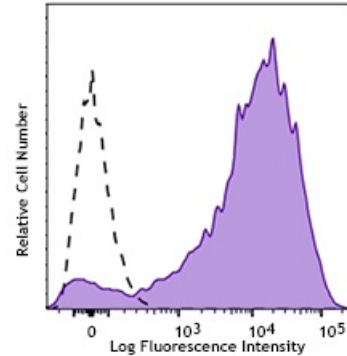


APC anti-human CD82

Catalog # / 2310565 / 25 tests
Size: 2310570 / 100 tests
Clone: ASL-24
Isotype: Mouse IgG1, κ
Reactivity: Human, Non-human primate



Human peripheral blood lymphocytes were stained with CD82 APC (clone ASL-24, filled histogram) or mouse IgG1, κ APC isotype control (open histogram).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 µl per million cells in 100 µl staining volume or 5 µl per 100 µl of whole blood.

Application References:

Description: CD82 is a 45-90 kD type III tetraspan membrane protein which is encoded by the KAI1 gene. A member of the 4-span transmembrane protein superfamily (TM4SF) CD82 forms a complex with CD37, CD53, CD81, ECM and MHC molecules. CD82 is expressed on monocytes, granulocytes, lymphocytes, epithelial cells, endothelial cells, and fibroblasts and plays a role in signal transduction and adhesion. It has been suggested CD82 functions as a tumor suppressor as loss of expression has been found to promote tumor metastasis.

Antigen References:

1. Miranti CK. 2009. *Cell. Signal.* 21:196
2. Abe M, et al. 2008. 266:163
3. Lee JH et al. 2004. *Cancer Res.* 64:4235
4. Lagaudriere-Gesbert C, et al. 1997. *J. Immunol.* 158:2790