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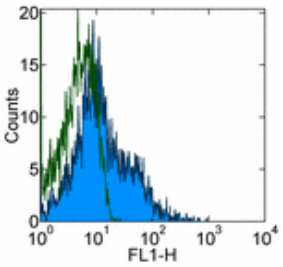
Anti-Human CD82 FITC

Catalog Number: 11-0829
Also Known As:R2, KAI
RUO: For Research Use Only



Staining of normal human peripheral blood cells with Mouse IgG2a κ Isotype Control FITC (cat. 11-4724) (open histogram) or Anti-Human CD82 FITC (filled histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD82 FITC
REF Catalog Number: 11-0829
Clone: 53H5
Concentration: 5 µl (0.125 µg)/test
Host/Isotype: Mouse IgG2a, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.
LOT Batch Code: Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description

The 53H5 monoclonal antibody reacts with human CD82, a 50-53 kDa protein belonging to the tetra-span (TM4) transmembrane proteins. CD82 is expressed broadly by the majority of hematopoietic lineages, but not erythrocytes. Activation of T and B lymphocytes upregulates CD82 expression. CD82 is also expressed by epithelial and endothelial cells and fibroblasts.

Applications Reported

This 53H5 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 53H5 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood mononuclear cells. This can be used at 5 µl (0.125 µg)/per test. A test is defined as the amount (µg)/test of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Shibagaki N, Hanada K, Yamaguchi S, Yamashita H, Shimada S, Hamada H. Functional analysis of CD82 in the early phase of T cell activation: roles in cell adhesion and signal transduction. Eur J Immunol. 1998 Apr;28(4):1125-33. (53H5, FA, PubMed)

Related Products

11-4724 Mouse IgG2a K Isotype Control FITC

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