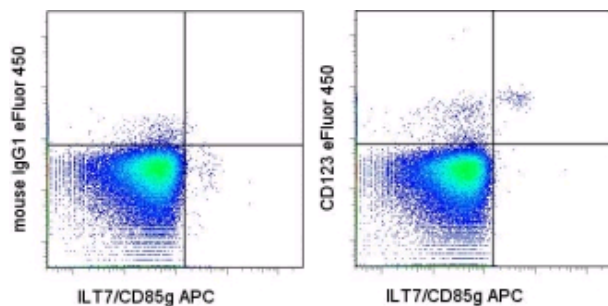


Anti-Human CD123 eFluor® 450 (Pacific Blue® replacement)

Catalog Number: 48-1239

Also Known As: Interleukin-3 Receptor alpha, IL-3Ra

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Anti-Human CD85g (ILT7) PE (cat. 12-5179) and Mouse IgG1 κ Isotype Control eFluor® 450 (cat. 48-4714) (left) or Anti-Human CD123 eFluor® 450 (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD123 eFluor® 450 (Pacific Blue® replacement)


REF Catalog Number: 48-1239

Clone: 6H6

Concentration: 5 μ l (0.25 μ g)/test


Host/Isotype: Mouse IgG1, 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 6H6 monoclonal antibody reacts with human CD123, the α chain of the IL-3 receptor. This 60-70 kDa transmembrane protein binds to IL-3 with low affinity by itself, and when associated with CD131 (common β chain) binds IL-3 with high affinity. CD123 is expressed by myeloid precursors, macrophages, dendritic cells, mast cells, basophils, and megakaryocytes.

Applications Reported

This 6H6 antibody has been reported for use in flow cytometric analysis.

eFluor® 450 is a replacement for Pacific Blue®. eFluor® 450 emits at 456 nm and is excited with the Violet laser. Please make sure that your instrument is capable of detecting this fluorochoime.

Applications Tested

This 6H6 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 μ l (0.25 μ g)/per test. A test is defined as the amount (μ g)/test of antibody that will stain a cell sample in a final volume of 100 μ l. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

eFluor™ 450 is a replacement for Pacific Blue®. eFluor™ 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochoime.

References

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Related Products

48-4714 Mouse IgG1 K Isotype Control eFluor® 450 (Pacific Blue® replacement)

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