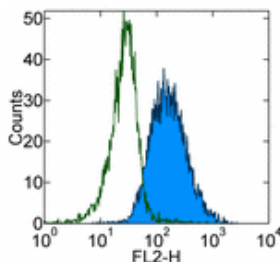


Anti-Human CD123 Purified

Catalog Number: 14-1239

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

RUO: For Research Use Only



Staining of TF-1 cell line with Mouse IgG1 κ Isotype Control Purified (cat. 14-4714) (open histogram) or Anti-Human CD123 Purified (filled histogram) followed by F(ab')₂ Anti-Mouse IgG PE (cat. 12-4012). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human CD123 Purified

REF Catalog Number: 14-1239

Clone: 6H6

Concentration: 0.5 mg/ml

Host/Isotype: Mouse IgG1, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



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, immunohistology staining of frozen tissue sections, and immunohistology staining of paraffin embedded tissue sections.

Applications Tested

The 6H6 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 1 μ g per test. A test is defined as the amount (μ g) 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. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Jaye, D.L., C.M. Geigerman, et al. 2006. Expression of the plasmacytoid dendritic cell marker BDCA-2 supports a spectrum of maturation among CD4+CD56+ hematodermic neoplasms. *Mod Pathol*. 19(12): 1555-62. (IHC paraffin PubMed)

Peduzzi, E., C. Groeper, et al. 2007. Local activation of the innate immune system in Buruli Ulcer lesions. *J Invest Dermatol*. 127(3): 638-45. (IHC paraffin PubMed)

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Related Products

11-4011 Anti-Mouse IgG FITC

11-4317 Streptavidin FITC
12-4317 Streptavidin PE
13-4013 Anti-Mouse IgG Biotin (Polyclonal)
14-4714 Mouse IgG1 K Isotype Control Purified
17-4317 Streptavidin APC

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