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30-1807: Anti-CD123 Monoclonal Antibody (Clone:6H6)-APC Conjugated

Clonality: Monoclonal

Clone Name: 6H6

Application: FACS, IP, WB, IHC-Fr

Reactivity: Human

Conjugate: APC

Gene: IL3RA

Gene ID: 3563

Uniprot ID: P26951

Alternative Name: IL3RA,IL3R

Isotype: Mouse IgG1

Immunogen Information: IL3 receptor alpha chain expressed on the surface of transiently transfected COS cells

Description

CD123 is the alpha chain of interleukin 3 receptor (IL-3R alpha). This subunit heterodimerizes with the interleukin 3 receptor beta chain (CD131), which is shared with other receptors. CD123 interacts with IL-3 specifically, but with low affinity, and association with the beta subunit confers high affinity binding to the receptor heterodimer. Both chains are required for signaling, but receptor activation and signal transduction depend on IL-3 binding to CD123 as the initial step.

Product Info

Amount: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

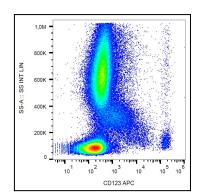


Figure 1: Surface staining of human peripheral blood with anti-CD123 (6H6) APC.