

30-1913: Anti-CD123 Monoclonal Antibody (Clone:6H6)-Biotin Conjugated

| | |
|--------------------------------|--|
| Clonality : | Monoclonal |
| Clone Name : | 6H6 |
| Application : | FACS, IP, WB, IHC-Fr |
| Reactivity : | Human |
| Conjugate : | Biotin |
| 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 : | 0.1 mg |
| Storage condition : | Store at 2-8°C. Do not freeze. |

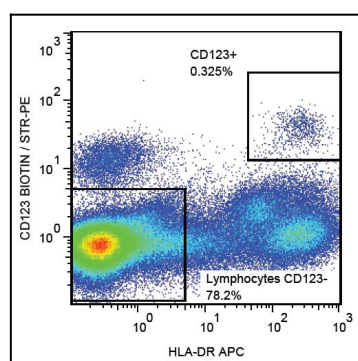


Figure 1: Surface staining of human peripheral blood with anti-CD123 (6H6) biotin.