

# CD123 Monoclonal Antibody (6H6), PerCP-Cyanine5.5

Catalog NumberA16426

Product data sheet

Details		Species Reactivity	
Size	25 tests	Species reactivity	Human
Host/Isotope	Mouse / IgG1, kappa	<div>Tested ApplicationsDilution *</div> <div>Flow Cytometry (Flow)Assay-dependent</div>	
Class	Monoclonal		
Type	Antibody	<div>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</div>	
Clone	6H6		
Immunogen	Human CD123 (IL-3R-alpha) transfected COS cells.		
Conjugate	PerCP-Cyanine5.5		
Form	Liquid		
Concentration	0.05 mg/mL		
Storage Conditions	4° C		

## Background/Target Information

IL-3Ra (Interleukin-3 receptor subunit alpha) belongs to the type I cytokine receptor family and is a heterodimer with a unique alpha chain paired with the common beta (beta c or CDw131) subunit. IL-3Ra is responsible for the transmission of signal of Interleukin-3. IL-3Ra and IL-3Rb chain heterodimerization is induced by Interleukin-3, which is required for receptor activation but not high affinity binding. IL-3Ra is also reported that IL-3Ra subunits are overexpressed on acute myeloid leukemia (AML) blasts compared with normal hematopoietic cells and are thus potential targets for novel therapeutic agents.

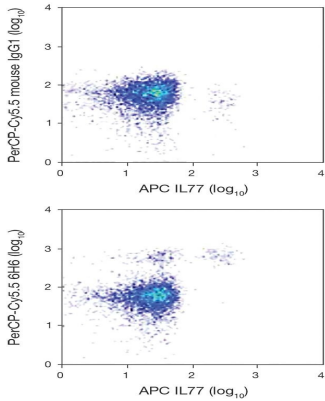
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Product Images For CD123 Monoclonal Antibody (6H6), PerCP-Cyanine5.5



CD123 Antibody (A16426) in Flow

Staining of normal human peripheral blood cells with Anti-Human CD85g (ILT7) Alexa Fluor® 647 and Mouse IgG1 K Isotype Control PerCP-Cyanine5.5 (top) or Anti-Human CD123 PerCPCyanine5.5 (bottom, A16426). Cells in the monocyte gate were used for analysis.

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