

CD123 Monoclonal Antibody (6H6), APC

Catalog NumberA16417

Product data sheet

Details		Tested Applications	Dilution *
Size	100 Tests	Flow Cytometry (Flow)	Assay-dependent
Host/Isotope	Mouse / IgG1, kappa	* 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.	
Class	Monoclonal		
Type	Antibody		
Clone	6H6		
Immunogen	Human CD123 (IL-3R-alpha) transfected COS cells.		
Conjugate	APC		
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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