

CD5 Monoclonal Antibody (53-7.3), PerCP-Cyanine5.5

Catalog NumberA15859

Product data sheet

Details		Species Reactivity	
Size	25 µg	Species reactivity	Mouse
Host/Isotope	Rat / IgG2a	Tested Applications	
Class	Monoclonal	Flow Cytometry (Flow)	Dilution *
Type	Antibody	Assay-dependent	
Clone	53-7.3	<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>	
Immunogen	Mouse CD5		
Conjugate	PerCP-Cyanine5.5		
Form	Liquid		
Concentration	0.2 mg/mL		
Storage Conditions	4° C		

Background/Target Information

CD5 is a 67 kDa human T-lymphocyte single-chain transmembrane glycoprotein. CD5 is present on all mature T-lymphocytes, on most of thymocytes and on many T-cell leukemias and lymphomas. CD5 also reacts with a subpopulation of activated B-cells and may act as a receptor in regulating T-cell proliferation. CD5 is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas. CD5 is expressed by many T cell leukemia, lymphomas, and activated T cells. Diseases associated with CD5 dysfunction include thymus cancer and Richter's Syndrome.

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