

CD5 Monoclonal Antibody (HIS47), FITC

Catalog NumberA15813

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Rat
Host/Isotope	Mouse / IgG2a	Tested Applications	
Class	Monoclonal	Dilution *	
Type	Antibody	Flow Cytometry (Flow)	Assay-dependent
Clone	HIS47	* 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.	
Immunogen	Rat CD5		
Conjugate	FITC		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	4° C, store in dark		

Background/Target Information

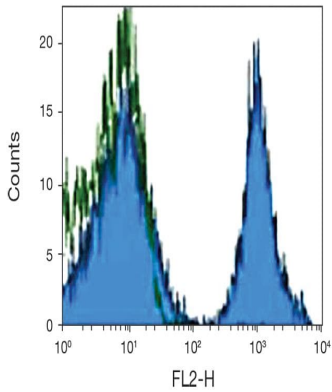
CD5 is a 67 kDa human T-lymphocyte single-chain transmembrane glycoprotein. CD5 is present on all mature T-lymphocytes, on most of thymocytes and on many T-cell leukemias and lymphomas. CD5 also reacts with a subpopulation of activated B-cells and may act as a receptor in regulating T-cell proliferation. 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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CD5 Antibody (A15813) in Flow

Staining of rat splenocytes with 0.25 µg of Anti-Rat CD5 PE. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.

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