

CD5 Monoclonal Antibody (YTS121.5.2)

Catalog Number MA5-17906

Product data sheet

Details		Species Reactivity	
Size	250 µg	Species reactivity	Mouse
Host/Isotope	Rat / IgG2b	<div><div>Tested Applications</div><div>Dilution *</div></div> <div>ELISA (ELISA)Assay-dependent</div> <div>Flow Cytometry (Flow)1.0 µg/1x10^6 cells</div> <div>Western Blot (WB)Assay-dependent</div> <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>	
Class	Monoclonal		
Type	Antibody		
Clone	YTS121.5.2		
Immunogen	CBA Mouse thymocytes		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Protein G		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

MA5-17906 targets CD5/Ly-1 in ELISA, FACS, and WB applications and shows reactivity with Mouse samples. The MA5-17906 immunogen is cBA Mouse thymocytes.

Background/Target Information

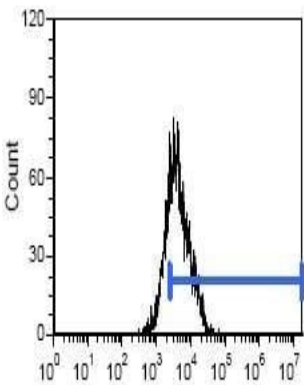
CD5 is a 67 kDa human T-lymphocyte single-chain transmembrane glycoprotein. CD5 is present on all mature T-lymphocytes, on most of thymocytes and on many T-cell leukemias and lymphomas. CD5 also reacts with a subpopulation of activated B-cells and may act as a receptor in regulating T-cell proliferation. 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 (MA5-17906) in Flow

Flow cytometric analysis of Thymus cells stained using anti-CD5/Ly-1 Monoclonal Antibody (Product # MA5-17906) at a $1.0 \mu\text{g}/10^6$ cells dilution.

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