

CD90.2 Monoclonal Antibody (30-H12), APC

Catalog NumberA14730

Product data sheet

Details		Species Reactivity	
Size	25 µg	Species reactivity	Mouse
Host/Isotope	Rat / IgG2b, kappa	Published species	Mouse
Class	Monoclonal	Tested Applications	Dilution *
Type	Antibody	Flow Cytometry (Flow)	0.2 µg/1x10^6 cells
Clone	30-H12	Published Applications	
Immunogen	Mouse thymus or spleen	Flow Cytometry (Flow)	See 1 publications below
Conjugate	APC	* 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.	
Form	Liquid		
Concentration	0.1 mg/mL		
Purification	purified		
Storage buffer	PBS		
Contains	<0.1% sodium azide		
Storage Conditions	4° C, store in dark, DO NOT FREEZE!		

Background/Target Information

CD90.2 (Thy 1) antigen is a GPI linked glycoprotein member of the Immunoglobulin super family. CD90.2 is expressed in murine T cells, thymocytes, neural cells, Kupffer's cells and fibroblasts. Thy 1 may play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain. CD90.2 is an 18 kDa plasma membrane antigen expressed by hematopoietic cells and neurons in all species studied, highly expressed in connective tissue, various fibroblast and stromal cell lines and lastly, by tumor endothelial cell lines. In the mouse, CD90.2 is expressed on all thymocytes and peripheral T lymphocytes.

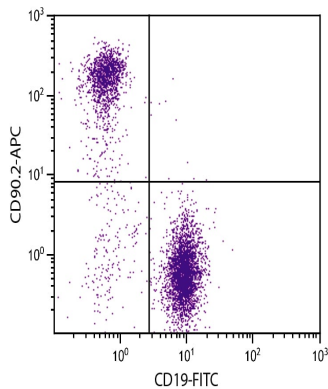
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Product Images For CD90.2 Monoclonal Antibody (30-H12), APC



CD90.2 Antibody (A14730) in Flow

Flow cytometry analysis of CD90.2 in BALB/c mouse splenocytes. Cells were stained using CD90.2 Monoclonal Antibody (30-H12), APC (Product # A14730) and Rat Anti-Mouse CD19-FITC.

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PubMed References For CD90.2 Monoclonal Antibody (30-H12), APC

1 Flow Cytometry References

Species / Dilution	Summary
Mouse / Not Cited	A14730 was used in Cell Culture to show that deletion of the deoxyhypusine hydroxylase Lia1 compromises yeast respiration through translation downregulation of selected proteins in the respiration pathway.
	Cell reports (2022; 39:)
	"Oxygen level regulates N-terminal translation elongation of selected proteins through deoxyhypusine hydroxylation." Author(s):Zhang Y,Su D,Zhu J,Wang M,Zhang Y,Fu Q,Zhang S,Lin H PubMed Article URL: http://dx.doi.org/10.1016/j.celrep.2022.110855

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