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# anti-Klra3 antibody



### Overview

Quantity:	0.5 mg
Target:	KIra3
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This KIra3 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details	
Clone:	14B11
Isotype:	IgG
Specificity:	This antibody is specific to an epitope common to the Ly49C, Ly49F, Ly49H and Ly49I allelic/splice variants. The antibody stains $\sim 90$ % of NK1.1+CD3- splenocytes, and $\sim 6$ % of CD8+ spleen cells from C57BL/6 mice. (Ref.1) The antibody also stains 30-80 % of NK1.1+CD3-splenocytes in other mouse strains tested (BALB/c, C3H, 129, SJL, AKR/J).
Characteristics:	Synonyms: Ly49C, Ly49F, Ly49H, Ly49I, Ly-49H, Ly-49C, Ly-49F, Ly-49I, Klra3, Klra9, Klra8, Klra6, T cellsurface glycoprotein Ly 49C, T cell surface glycoprotein Ly 49F, T cell surface glycoprotein Ly 49I, Killer cell lectin-like receptor
Purification:	Purified

## **Target Details**

Target:	Klra3
Alternative Name:	KLRA3 (Klra3 Products)
Background:	Ly49C, Ly49F, Ly49H and Ly49I are members of the lectin like homodimeric Ly49 family of cell
	surface receptors. Mouse Ly49 receptors exhibit allelic specificity for MHC class I la molecules
	and are thought to serve to prevent natural killer (NK) cells from attacking normal cells, while
	allowing them to attack infected or transformed cells in which class I molecules have been
	down regulated. (Ref.2) These inhibitory receptors are also expressed on a subpopulation of
	mouse CD8+ T cells.Synonyms: Killer cell lectin-like receptor, Klra3, Klra6, Klra8, Klra9, Ly-49C,
	Ly-49F, Ly-49H, Ly-49I, Ly49C, Ly49F, Ly49H, Ly49I, T cell surface glycoprotein Ly 49C, T cell
	surface glycoprotein Ly 49F, T cell surface glycoprotein Ly 49H, T cell surface glycoprotein Ly
	491
Gene ID:	16640
UniProt:	Q64329
Application Details	
Application Notes:	Flow Cytometry: < / = 1 μg/10^6 cells. (Ref.1,3)
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Concentration:	0.5 mg/mL
Buffer:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts
	added.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid
	repeated freezing and thawing.
	Shelf life: one year from despatch.
Expiry Date:	12 months