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Datasheet for ABIN371084 **anti-Klra3 antibody (Biotin)**

Overview

Quantity:	0.5 mg
Target:	Klra3
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This Klra3 antibody is conjugated to Biotin
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 ~ 90 % of NK1.1+CD3- splenocytes, and ~ 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 cell surface glycoprotein Ly 49C, T cell surface glycoprotein Ly 49F, T cell surface glycoprotein Ly 49H, T cell surface glycoprotein Ly 49I, Killer cell lectin-like receptor

Target Details

Target:	Klra3
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Target Details

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 Ia 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 49I
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:	PBS containing 0.09 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months