Datasheet for ABIN7456595

anti-KLRG1 antibody (APC)

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Overview

Quantity:	25 µg
Target:	KLRG1
Reactivity:	Human
Host:	Golden Syrian Hamster
Clonality:	Monoclonal
Conjugate:	This KLRG1 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Clone:	2F1
Isotype:	IgG

Target Details

Target:	KLRG1
Alternative Name:	KLRG-1 (KLRG1 Products)
Background:	MAFA, 2F22-Ag,Killer cell lectin-like receptor G1 (KLRG1) is the mouse homolog of the rat mast cell function-associated antigen (MAFA or 2F1-Ag). KLRG1 is a type II membrane glycoprotein that was first identified on the surface of rat mast cell line RBL-2H3. It is composed of a homodimer of glycosylated 30-38 kD subunits. Mouse and human homologs of KLRG1 are expressed by subsets of NK cells and lymphokine-activated killer (LAK) cells but not mast cells. KLRG1 is also expressed on subsets of CD8+ and CD4+ cells, including CD4+ and

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Target Details

	CD8+ effector/memory cells, potent regulatory CD4+ T cells. KLRG1 may be involved in regulating NK cell homeostasis. KLRG22 was found to recognize cadherins and thus inhibit immune responses by regulating the effector function and the developmental processes of NK and T cells.
Gene ID:	10219, 50928
UniProt:	Q96E93, O88713

Application Details

Application Notes:	Check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10^6 cells in 100 µL volume].
Comment:	Matching Isotype Control: APC Syrian Hamster IgG Isotype Control
Restrictions:	For Research Use only

Handling

Concentration:	0.2 mg/mL
Buffer:	PBS with 0.05 % Proclin300, 1 % BSA
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.