

Datasheet for ABIN7536931 **anti-KLRG1 antibody**



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Overview

Quantity:	100 µg
Target:	KLRG1
Reactivity:	Human
Host:	Golden Syrian Hamster
Clonality:	Monoclonal
Conjugate:	This KLRG1 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Purified Anti-Human/Mouse KLRG-1 Antibody [2F1]
Clone:	2F1
Isotype:	IgG
Purification:	Purified

Target Details

Target:	KLRG1
Alternative Name:	KLRG-1 (KLRG1 Products)
Background:	KLRG-1,MAFA, 2F1-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

Target Details

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 CD8⁺ effector/memory cells, potent regulatory CD4⁺ T cells. KLRG1 may be involved in regulating NK cell homeostasis. KLRG2 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: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{L}$ volume or $100 \mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09 % stabilizer.

Storage: 4 °C

Storage Comment: This product can be stored at 2-8°C for 12 months. Do not freeze.

Expiry Date: 12 months