

For Research Use Only

Anti-Mouse KLRG1 (2F1)

Catalog Number: 65084-1-Ig



Basic Information

Catalog Number: 65084-1-Ig	GenBank Accession Number: BC101953	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 50928	CloneNo.: 2F1
Source: Golden Syrian Hamster	UNIPROT ID: O88713	
Isotype: IgG	Full Name: killer cell lectin-like receptor subfamily G, member 1	

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

KLRG1 (killer cell lectin-like receptor subfamily G, member 1) is a C-type lectin inhibitory receptor that contains an immunoreceptor tyrosine-based inhibitory motif (ITIM) in its cytoplasmic domain. KLRG1 is expressed by subsets of NK and T cells, existing both as a monomer and as a disulfide-linked homodimer (PMID: 10741410; 19604491). It is considered to be a cell differentiation marker for NK and T cells and is strongly induced by viral and other infections (PMID: 20373518). Through interactions with members of the cadherin family, KLRG1 plays an inhibitory role on NK- and T-cell function (PMID: 19009530; 20373518).

Storage

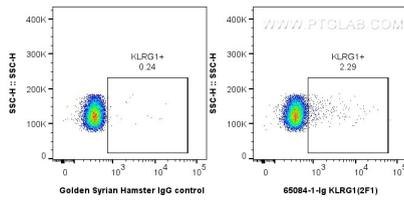
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:
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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.5 ug Anti-Mouse KLRG1 (2F1) (65084-1-Ig, Clone:2F1) or 0.5 ug Isotype Control, and FITC anti-Golden Syrian Hamster IgG Antibody. Cells were not fixed.