

For Research Use Only

CoraLite® Plus 647 Anti-Mouse KLRG1 (2F1)



Catalog Number: **CL647-65084**

Basic Information

Catalog Number:

CL647-65084

Size:

100ug , 500 µg/ml

Source:

Golden Syrian Hamster

Isotype:

IgG

GenBank Accession Number:

BC101953

GeneID (NCBI):

50928

UNIPROT ID:

O88713

Full Name:

killer cell lectin-like receptor
subfamily G, member 1

Purification Method:

Affinity purification

CloneNo.:

2F1

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

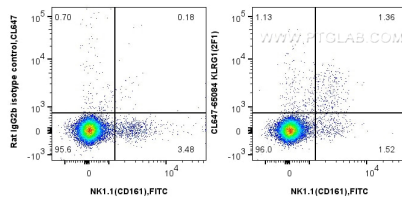
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse KLRG1 (2F1) (CL647-65084, Clone: 2F1) or 0.25 ug Isotype Control, and 0.25 ug FITC Anti-Mouse NK1.1 (CD161) (PK136) (FITC-65138, Clone: PK136). Cells were not fixed.