

For Research Use Only

# CoraLite® Plus 647-conjugated KLRG1 Recombinant monoclonal antibody

Catalog Number:CL647-84785-5



## Basic Information

Catalog Number:

CL647-84785-5

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2036

GenBank Accession Number:

NM\_005810.4

GeneID (NCBI):

10219

UNIPROT ID:

Q96E93-1

Full Name:

killer cell lectin-like receptor  
subfamily G, member 1

Calculated MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

242327A4

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : Jurkat cells,

## 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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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.**

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoraLite® Plus 647 KLRG1 antibody (CL647-84785-5, Clone: 242327A4) at dilution of 1:200.