

For Research Use Only

KLRG1 Recombinant antibody

Catalog Number: 84785-4-RR



Basic Information

Catalog Number:

84785-4-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

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

Observed MW:

30-38 kDa

Purification Method:

Protein A purification

CloneNo.:

242327B12

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: Jurkat cells, mouse splenocytes, Raji cells, NK-92 cells, HeLa 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 in NK- and T-cell function (PMID: 19009530; 20373518). Because of the glycosylation and disulfide bonds of the KLRG1 proteins, the observed molecular weights are typically 30-38 kDa (PMID: 17404256).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

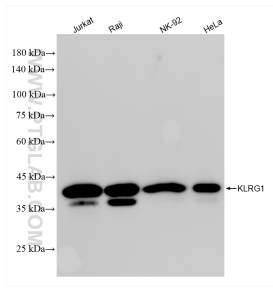
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84785-4-RR (KLRG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.