

For Research Use Only

KLRG1 Recombinant antibody, PBS Only

Catalog Number: 84785-4-PBS



Basic Information

Catalog Number:

84785-4-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, 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 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 -80°C.

Storage Buffer:

PBS Only

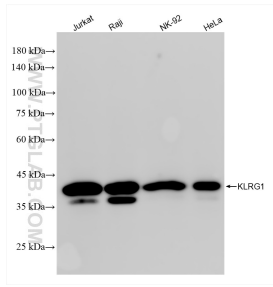
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 84785-4-PBS in a different storage buffer formulation.