

For Research Use Only

KLRG1 Recombinant antibody, PBS Only

Catalog Number: 84785-4-PBS



Basic Information

Catalog Number:	84785-4-PBS	GenBank Accession Number:	NM_005810.4	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	10219	CloneNo.:	242327B12
Source:	Rabbit	UNIPROT ID:	Q96E93-1		
Isotype:	IgG	Full Name:	killer cell lectin-like receptor subfamily G, member 1		
		Calculated MW:	22 kDa		
		Observed MW:	30-38 kDa		

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

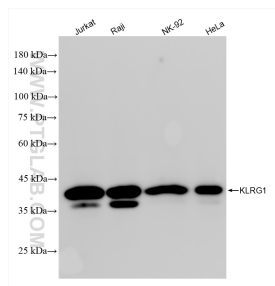
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Selected Validation Data



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.