

For Research Use Only

CoraLite® Plus 488-conjugated KLRG1 Recombinant antibody

Catalog Number: CL488-84785-5



Basic Information

Catalog Number: CL488-84785-5	GenBank Accession Number: NM_005810.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10219	CloneNo.: 242327A4
Source: Rabbit	UNIPROT ID: Q96E93-1	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: killer cell lectin-like receptor subfamily G, member 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG2036	Calculated MW: 22 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : Jurkat cells,
Species Specificity: human	

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).

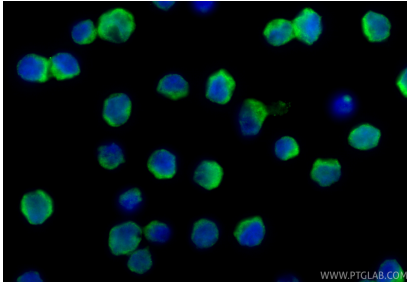
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoraLite® Plus 488 KLRG1 antibody (CL488-84785-5, Clone: 242327A4) at dilution of 1:200.