

For Research Use Only

# CoraLite®594 Anti-Mouse KLRG1 (2F1)



Catalog Number: **CL594-65084**

## Basic Information

<b>Catalog Number:</b> CL594-65084	<b>GenBank Accession Number:</b> BC101953	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 50928	<b>CloneNo.:</b> 2F1
<b>Source:</b> Golden Syrian Hamster	<b>Full Name:</b> killer cell lectin-like receptor subfamily G, member 1	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG		

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
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 on NK- and T-cell function (PMID: 19009530; 20373518).

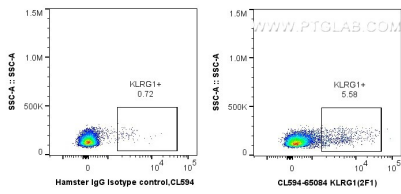
## Storage

**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



1X10<sup>6</sup> mouse splenocytes were surface stained with 0.5 ug CoraLite®594 Anti-Mouse KLRG1 (CL594-65084, Clone: 2F1), or 0.5 ug Isotype Control. Cells were not fixed.