

Resource Summary Report

Generated by PRECISE-TBI on Sep 4, 2026

APC anti-mouse/human KLRG1 (MAFA)

RRID:AB_10641560

Type: Antibody

Proper Citation

BioLegend Cat# 138412, RRID:AB_10641560

Antibody Information

URL: http://antibodyregistry.org/AB_10641560

Proper Citation: BioLegend Cat# 138412, RRID:AB_10641560

Target Antigen: KLRG1

Host Organism: syrian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC anti-mouse/human KLRG1 (MAFA)

Description: This monoclonal targets KLRG1

Target Organism: mouse, human

Clone ID: Clone 2F1/KLRG1

Antibody ID: AB_10641560

Vendor: BioLegend

Catalog Number: 138412

Alternative Catalog Numbers: 138411

Record Creation Time: 20231110T082504+0000

Record Last Update: 20260829T175834+0000

Ratings and Alerts

No rating or validation information has been found for APC anti-mouse/human KLRG1 (MAFA).

No alerts have been found for APC anti-mouse/human KLRG1 (MAFA).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Xie S, et al. (2026) Loss of p53 exacerbates autoimmunity by reprogramming propionyl-CoA metabolism and histone modifications in Treg cells. Cell reports, 45(3), 117084.

Wang Y, et al. (2026) Metabolic reinvigoration of NK cells by IL-21 enhances immunotherapy against MHC class I-deficient solid tumors. Cell reports, 45(3), 117035.

Zhou W, et al. (2025) ILC3s sense gut microbiota through STING to initiate immune tolerance. Immunity, 58(7), 1762.

Cohen JA, et al. (2025) KMT2D coordinates antiviral CD4+ T cell responses through opposing effects on T follicular helper and cytotoxic gene expression. Cell reports, 44(6), 115775.

Fan AE, et al. (2025) STAT5 Activation Enhances Adoptive Therapy Combined with Peptide Vaccination by Preventing PD-1 Inhibition. Molecular cancer therapeutics, 24(3), 419.

Fonseca-Pereira D, et al. (2025) The metabolic sensor LKB1 regulates ILC3 homeostasis and mitochondrial function. Cell reports, 44(4), 115456.

Isbell MG, et al. (2025) Making deep immunophenotyping accessible: the successful application of a guided 23-parameter mouse immunophenotyping panel package provided through a shared resource. Frontiers in immunology, 16, 1668405.

Zhou Y, et al. (2025) Glucose-1-phosphate promotes compartmentalization of glycogen with the pentose phosphate pathway in CD8+ memory T cells. Molecular cell, 85(13), 2535.

Li R, et al. (2024) Suppression of adaptive NK cell expansion by macrophage-mediated phagocytosis inhibited by 2B4-CD48. Cell reports, 43(3), 113800.

Onder L, et al. (2024) Fibroblastic reticular cells generate protective intratumoral T cell environments in lung cancer. Cell.

Macalinao ML, et al. (2023) IL-27 produced during acute malaria infection regulates Plasmodium-specific memory CD4⁺ T cells. *EMBO molecular medicine*, 15(12), e17713.

Cheng J, et al. (2023) Cancer-cell-derived fumarate suppresses the anti-tumor capacity of CD8⁺ T cells in the tumor microenvironment. *Cell metabolism*, 35(6), 961.

Farrand K, et al. (2022) Using Full-Spectrum Flow Cytometry to Phenotype Memory T and NKT Cell Subsets with Optimized Tissue-Specific Preparation Protocols. *Current protocols*, 2(7), e482.

Teng F, et al. (2021) ILC3s control airway inflammation by limiting T cell responses to allergens and microbes. *Cell reports*, 37(8), 110051.

Tang Z, et al. (2021) Inflammatory macrophages exploit unconventional pro-phagocytic integrins for phagocytosis and anti-tumor immunity. *Cell reports*, 37(11), 110111.

Goc J, et al. (2021) Dysregulation of ILC3s unleashes progression and immunotherapy resistance in colon cancer. *Cell*, 184(19), 5015.

Pai CS, et al. (2019) Clonal Deletion of Tumor-Specific T Cells by Interferon- γ Confers Therapeutic Resistance to Combination Immune Checkpoint Blockade. *Immunity*, 50(2), 477.

Herndler-Brandstetter D, et al. (2018) KLRG1⁺ Effector CD8⁺ T Cells Lose KLRG1, Differentiate into All Memory T Cell Lineages, and Convey Enhanced Protective Immunity. *Immunity*, 48(4), 716.

Wang D, et al. (2018) The Transcription Factor Runx3 Establishes Chromatin Accessibility of cis-Regulatory Landscapes that Drive Memory Cytotoxic T Lymphocyte Formation. *Immunity*, 48(4), 659.

Lu Y, et al. (2018) Th9 Cells Represent a Unique Subset of CD4⁺ T Cells Endowed with the Ability to Eradicate Advanced Tumors. *Cancer cell*, 33(6), 1048.