

Resource Summary Report

Generated by ASWG on Aug 14, 2026

Brilliant Violet 605(TM) anti-mouse/human KLRG1 (MAFA)

RRID:AB_2563357

Type: Antibody

Proper Citation

BioLegend Cat# 138419, RRID:AB_2563357

Antibody Information

URL: http://antibodyregistry.org/AB_2563357

Proper Citation: BioLegend Cat# 138419, RRID:AB_2563357

Target Antigen: KLRG1

Host Organism: syrian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 605(TM) anti-mouse/human KLRG1 (MAFA)

Description: This monoclonal targets KLRG1

Target Organism: mouse, human

Clone ID: Clone 2F1/KLRG1

Antibody ID: AB_2563357

Vendor: BioLegend

Catalog Number: 138419

Record Creation Time: 20250820T040108+0000

Record Last Update: 20250820T174839+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 605(TM) anti-mouse/human KLRG1 (MAFA).

No alerts have been found for Brilliant Violet 605(TM) anti-mouse/human KLRG1 (MAFA).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Magno JC, et al. (2026) Engineering T Cells with a Tumor-Reactive Chimeric T-cell Receptor Reduces Exhaustion and Promotes Persistence to Elicit Enhanced Antitumor Responses. Cancer research, 86(11), 2688.

Shibuya R, et al. (2026) Activation of the auricular vagus nerve reflex suppresses airway inflammation. Immunity.

Hao Y, et al. (2026) SENP1 facilitates the adaptation of colonic non-lymphoid tissue Treg cells and restrains intestinal inflammation. Mucosal immunology, 100349.

Chen Q, et al. (2026) Single- and dual-target CAR-T cells targeting HBsAg and GPC3 to balance safety and antitumor efficacy in HBV-positive hepatocellular carcinoma. iScience, 29(8), 116844.

Can UI, et al. (2025) Rapid group-2 innate lymphoid cell mobilization from the intestine aids in early lung defense and repair. Cell reports, 44(7), 115868.

Guichard V, et al. (2025) Pre-existing epigenetic state and differential NF- κ B activation shape type 2 immune cell responses. Immunity, 58(6), 1422.

Luo W, et al. (2025) The role of Tim-3⁺T cell subsets in the peripheral blood of patients with COVID-19 and diabetes. iScience, 28(5), 112339.

Xing Y, et al. (2025) Long-range deployment of tumor-antigen-specific cytotoxic T lymphocytes inhibits lung metastasis of breast cancer. Developmental cell.

van der Heide V, et al. (2025) Prolonged but finite antigen presentation promotes reversible defects of "helpless" memory CD8⁺ T cells. Immunity, 58(7), 1742.

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

Broderick C, et al. (2025) A RAS(ON) Multi-Selective Inhibitor Combination Therapy Triggers Long-term Tumor Control through Senescence-Associated Tumor-Immune Equilibrium in Pancreatic Ductal Adenocarcinoma. Cancer discovery, 15(8), 1717.

Sun J, et al. (2024) Metabolic regulator LKB1 controls adipose tissue ILC2 PD-1 expression and mitochondrial homeostasis to prevent insulin resistance. *Immunity*, 57(6), 1289.

Ngiow SF, et al. (2024) LAG-3 sustains TOX expression and regulates the CD94/NKG2-Qa-1b axis to govern exhausted CD8 T cell NK receptor expression and cytotoxicity. *Cell*, 187(16), 4336.

Niu H, et al. (2024) LKB1 prevents ILC2 exhaustion to enhance antitumor immunity. *Cell reports*, 43(5), 113579.

Wang L, et al. (2024) T-bet deficiency and Hic1 induction override TGF- β -dependency in the formation of CD103⁺ intestine-resident memory CD8⁺ T cells. *Cell reports*, 43(6), 114258.

Tamari M, et al. (2024) Sensory neurons promote immune homeostasis in the lung. *Cell*, 187(1), 44.

Tachó-Piñot R, et al. (2023) Bcl6 is a subset-defining transcription factor of lymphoid tissue inducer-like ILC3. *Cell reports*, 42(11), 113425.

van der Sluis TC, et al. (2023) OX40 agonism enhances PD-L1 checkpoint blockade by shifting the cytotoxic T cell differentiation spectrum. *Cell reports. Medicine*, 4(3), 100939.

Lin YH, et al. (2023) Small intestine and colon tissue-resident memory CD8⁺ T cells exhibit molecular heterogeneity and differential dependence on Eomes. *Immunity*, 56(1), 207.

Bajana S, et al. (2022) Correlation between circulating innate lymphoid cell precursors and thymic function. *iScience*, 25(2), 103732.