

Resource Summary Report

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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: 20231110T035216+0000

Record Last Update: 20240725T024503+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 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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

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.

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

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

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.

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.

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

Alam A, et al. (2022) Fungal mycobiome drives IL-33 secretion and type 2 immunity in pancreatic cancer. *Cancer cell*, 40(2), 153.

McLane LM, et al. (2021) Role of nuclear localization in the regulation and function of T-bet and Eomes in exhausted CD8 T cells. *Cell reports*, 35(6), 109120.

Ahrends T, et al. (2021) Enteric pathogens induce tissue tolerance and prevent neuronal loss from subsequent infections. *Cell*, 184(23), 5715.

Delacher M, et al. (2021) Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. *Immunity*, 54(4), 702.

Huang H, et al. (2021) In vivo CRISPR screening reveals nutrient signaling processes underpinning CD8⁺ T cell fate decisions. *Cell*, 184(5), 1245.

Yeung F, et al. (2020) Altered Immunity of Laboratory Mice in the Natural Environment Is Associated with Fungal Colonization. *Cell host & microbe*, 27(5), 809.

Flamar AL, et al. (2020) Interleukin-33 Induces the Enzyme Tryptophan Hydroxylase 1 to Promote Inflammatory Group 2 Innate Lymphoid Cell-Mediated Immunity. *Immunity*, 52(4), 606.

Lin JD, et al. (2020) Rewilding Nod2 and Atg16l1 Mutant Mice Uncovers Genetic and Environmental Contributions to Microbial Responses and Immune Cell Composition. *Cell host & microbe*, 27(5), 830.

Su W, et al. (2020) Protein Prenylation Drives Discrete Signaling Programs for the Differentiation and Maintenance of Effector Treg Cells. *Cell metabolism*, 32(6), 996.

Misumi I, et al. (2019) Obesity Expands a Distinct Population of T Cells in Adipose Tissue and Increases Vulnerability to Infection. *Cell reports*, 27(2), 514.

Hirai T, et al. (2019) Keratinocyte-Mediated Activation of the Cytokine TGF- β Maintains Skin Recirculating Memory CD8⁺ T Cells. *Immunity*, 50(5), 1249.