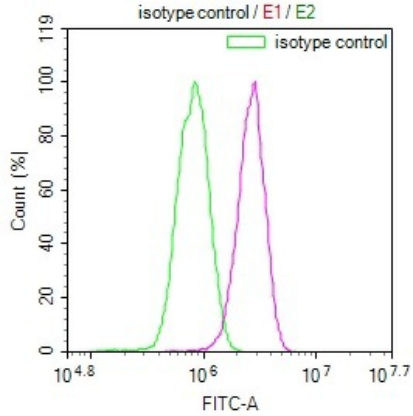
RecomAb™ Sm Size

KLRG1 recombinant monoclonal antibody, clone 8E11

Catalog # RAB08400 Size 50 uL

Applications



Flow Cytometry

Overlay Peak curve showing A549 cells stained with KLRG1 recombinant monoclonal antibody, clone 8E11 (red line) at 1:100.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KLRG1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human KLRG1.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Overlay Peak curve showing A549 cells stained with KLRG1 recombinant monoclonal antibody, clone 8E11 (red line) at 1:100.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — KLRG1

Entrez GeneID	10219
Protein Accession#	Q96E93
Gene Name	KLRG1
Gene Alias	2F1, CLEC15A, MAFA, MAFA-2F1, MAFA-L, MAFA-LIKE, MGC13600
Gene Description	killer cell lectin-like receptor subfamily G, member 1
Omim ID	604874
Gene Ontology	Hyperlink
Gene Summary	Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infe cted cells without previous activation. They can also regulate specific humoral and cell-mediated i mmunity. The protein encoded by this gene belongs to the killer cell lectin-like receptor (KLR) fami ly, which is a group of transmembrane proteins preferentially expressed in NK cells. Studies in mi ce suggested that the expression of this gene may be regulated by MHC class I molecules. Altern atively spliced transcript variants have been reported, but their full-length natures have not yet bee n determined. [provided by RefSeq
Other Designations	C-type lectin domain family 15, member A|mast cell function-associated antigen (ITIM-containing)

Disease

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- Tobacco Use Disorder

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