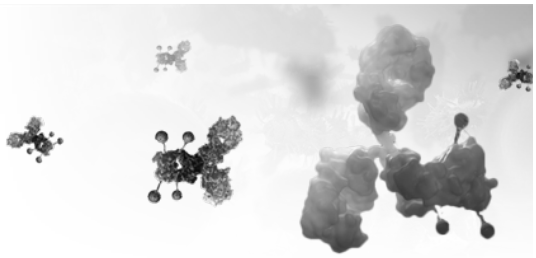

Syrian Hamster Anti-Mouse KLRG-1 Monoclonal antibody, clone 2F1 (CABT-L4349)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The 2F1 monoclonal antibody reacts with the mouse and human killer cell lectin-like receptor G1 (KLRG1), a type II membrane glycoprotein that exists as a homodimer of glycosylated 30-38 kDa subunits
Target	Mouse/Human KLRG-1
Immunogen	IL-2 activated C57BL/6 mouse NK cells
Isotype	IgG
Source/Host	Syrian Hamster
Species Reactivity	Human, Mouse
Clone	2F1
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	FC
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg

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Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free] Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	The 2F1 monoclonal antibody reacts with the mouse and human killer cell lectin-like receptor G1 (KLRG1), a type II membrane glycoprotein that exists as a homodimer of glycosylated 30-38 kDa subunits. KLRG1 is preferentially expressed by NK cells but is also expressed by a subset of T cells. Studies in mice suggest that KLRG1 expression is regulated by MHC class I molecules and that KLRG1 regulates the effector function and the development of NK and T cells.
Keywords	KLRG1;killer cell lectin-like receptor subfamily G, member 1;killer cell lectin-like receptor subfamily G member 1;2F1;C type lectin domain family 15;member A;CLEC15A;MAFA;MAFA L;MAFA-like receptor

GENE INFORMATION

Official Symbol	killer cell lectin-like receptor subfamily G, member 1
Synonyms	KLRG1; killer cell lectin-like receptor subfamily G, member 1; killer cell lectin-like receptor subfamily G member 1; 2F1; C type lectin domain family 15; member A; CLEC15A; MAFA; MAFA L; MAFA-like receptor
References	Becker, P. D., et al. (2015). "Skin vaccination with live virus vectored microneedle arrays induce long lived CD8(+) T cell memory." Vaccine 33(37): 4691-4698. PubMed;

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