

Datasheet

Klrg1 monoclonal antibody, clone 2F1 (FITC)

Catalog Number: MAB5785

Regulatory Status: For research use only (RUO)

Product Description: Hamster monoclonal antibody raised against native Klrg1.

Clone Name: 2F1

Immunogen: Native purified Klrg1 from activated NK (A-LAK) cells from B6 (H-2b) mice.

Host: Hamster

Reactivity: Mouse

Applications: Flow Cyt, IP
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: KLRG1 (Mr 30-38 KDa).

Form: Liquid

Conjugation: FITC

Isotype: IgG

Recommend Usage: Flow Cytometry (1 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.
Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 50928

Gene Symbol: Klrg1

Gene Alias: 2F1-Ag, MAFA, MAFA-L, MGC123930

References:

1. NK cell expression of the killer cell lectin-like receptor G1 (KLRG1), the mouse homolog of MAFA, is modulated by MHC class I molecules. Corral L, Hanke T, Vance RE, Cado D, Raulet DH. Eur J Immunol. 2000 Mar;30(3):920-30.
2. 2F1 antigen, the mouse homolog of the rat "mast cell function-associated antigen", is a lectin-like type II transmembrane receptor expressed by natural killer cells. Hanke T, Corral L, Vance RE, Raulet DH. Eur J Immunol. 1998 Dec;28(12):4409-17.
3. Mouse Ly-49A interrupts early signaling events in natural killer cell cytotoxicity and functionally associates with the SHP-1 tyrosine phosphatase. Nakamura MC, Niemi EC, Fisher MJ, Shultz LD, Seaman WE, Ryan JC. J Exp Med. 1997 Feb 17;185(4):673-84.