

HYBRIDOMA 2F1, PRODUCING MONOCLONAL ANTIBODY SPECIFIC FOR MOUSE KLRG1

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ABSTRACT

This invention consists of a hybridoma cell line producing a hamster IgG monoclonal antibody specific for the mouse KLRG1 receptor. Mouse KLRG1 is the mouse ortholog of the rat (and human) MAFA (mast function associated antigen), or 2F1-Ag. KLRG1 is a lectin-like receptor that is expressed by approximately 40% of NK cells and a fraction of T cells. It is apparently not expressed by mast cells, despite its MAFA designation.

The utility of this monoclonal antibody was presented in the publication;

Hanke & et al. (1998) Eur. J. Immunol. 28:4409-17

APPLICATIONS

The antibody is useful for staining the T cells and/or NK cells that express the mouse KLRG1 receptor.

The antibody can be used for purifying NK or T cells that express KLRG1 as well as the fraction of cells that do not express the receptor.

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OTHER INFORMATION

KEYWORDS

antibody

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