

HYBRIDOMA HBF-719, PRODUCING MONOCLONAL ANTIBODY SPECIFIC FOR MOUSE LY49F

Tech ID: 16914 / UC Case 2000-039-0

ABSTRACT

This invention concerns a hybridoma producing a mouse IgG1/kappa monoclonal antibody specific for the mouse Ly49F receptor. Mouse Ly49F is a homodimeric protein expressed on the surface of approximately 10% of NK cells, and a small fraction of T cells. Of T cells that express Ly49 receptors (approximately 15% of CD8 T cells), Ly49F is expressed weakly to the Dd classical class I molecule. The structure of the receptor suggests it may exert an inhibitory function.

APPLICATIONS

The antibody is useful for staining the T cells and/or the NK cells that express the mouse 4Ly49F receptor.

The antibody may block ligand binding.

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OTHER INFORMATION

KEYWORDS

antibody, research tool

CATEGORIZED AS

» **Research Tools**

» Antibodies

RELATED CASES

2000-039-0

RELATED TECHNOLOGIES

- Hybridoma 14b11, Producing Monoclonal Antibody Reactive With Mouse Ly49c, Ly49f, Ly49h And Ly49i
- Hybridoma Yli-90, Producing Mabs Specific For Mouse Ly49i