

HYBRIDOMA YLI-90, PRODUCING MABS SPECIFIC FOR MOUSE LY49I

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ABSTRACT

This invention concerns a hybridoma producing a mouse IgG1/kappa monoclonal antibody specific for the mouse Ly49I receptor. Mouse Ly49I is a homodimeric protein expressed on the surface of a large fraction (approximately 40%) of NK cells, and a small fraction of T cells. The receptor binds to classical class I molecules in most strains tested, including the Kbeta molecule. Ligand binding inhibits NK cell functions such as cytotoxicity.

APPLICATIONS

The antibody is useful for staining the T cells and/or the NK cells that express the mouse 4Ly49I receptor.

The antibody may block ligand binding.

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OTHER INFORMATION

KEYWORDS

antibody, research tool, cell line

CATEGORIZED AS

» **Research Tools**

» Antibodies

RELATED CASES

2000-040-0

RELATED TECHNOLOGIES

- Hybridoma 14b11, Producing Monoclonal Antibody Reactive With Mouse Ly49c, Ly49f, Ly49h And Ly49i
- Hybridoma Hbf-719, Producing Monoclonal Antibody Specific For Mouse Ly49f