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# HYBRIDOMA YLI-90, PRODUCING MABS SPECIFIC FOR MOUSE LY49I

Tech ID: 16915 / UC Case 2000-040-0

#### **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 4Ly49l 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



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