

**Docket #:** S09-280

# **Monoclonal antibodies to rat NKG2D (NKRP-2)**

Stanford researchers have developed a novel monoclonal antibody to the rat NKG2D protein, a major triggering receptor of Natural Killer (NK) cells and T cells. This receptor is known to play a role in viral infections, tumor defenses, and transplantation. The antibody would be useful for flow cytometry and other studies of this receptor in rat models.

## **Ongoing Research**

The inventors are continuing to characterize these antibodies.

## **Applications**

- **Research** - blocking NKG2D interactions, detecting NKG2D-expressing cells
- **Flow cytometry**

## **Advantages**

- **Unique** - no antibodies to rat NKG2D are commercially available

## **Innovators**

- Karine Piard-Ruster
- Sheri Krams

## **Licensing Contact**

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