

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

×



Memorial Sloan Kettering
Cancer Center

[Make an Appointment](#)

[← Back](#)

[Tangible Materials Available for Licensing](#)

[Refer a Patient](#)

[Refer a Patient](#)

ABOUT US

[Our mission, vision & core values](#)

[Leadership](#)

[History](#)

[Equality, diversity & inclusion](#)

[Annual report](#)

[Give to MSK](#)

Description

Clone PK136 recognizes mouse NK1.1, a cell surface antigen expressed by natural killer cells and a subset of T cells in the NK1.1 mouse strains including CE, C57BL/6, FVB/N, and NZB. NK1.1 is not expressed by NK cells from the following mouse strains: 129, A, AKR, BALB/c, C3H, CBA, and SJL.

Source

This antibody was derived in 1984 by injection of splenocytes (enriched for NK-1-positive cells) and bone marrow cells from CE mice into (C3H x BALB/c) F1 mice. Splenocytes from these mice were then fused with Sp2/0-Ag14 cells to generate hybridomas.

Inventors

Gloria C. Koo, PhD, formerly at Memorial Sloan Kettering

JoAnne R. Peppard, formerly at Memorial Sloan Kettering

Key References

Koo GC and Peppard JR (1984) Establishment of monoclonal anti-Nk-1.1 antibody. *Hybridoma* 3: 301-303 (PubMed ID: [6500587](#))

Koo GC et al. (1986) The NK-1.1(-) mouse: a model to study differentiation of murine NK cells. *Journal of Immunology*. 137: 3742-3747 (PubMed ID: [3782794](#))

Reichlin A and Yokoyama WM (1998) Natural killer cell proliferation induced by anti-NK1.1 and IL-2. *Immunology and*

Cell Biology 76: 143-152 (PubMed ID: [9619484](#))

Kung SK et al. (1999) The NKR-P1B gene product is an inhibitory receptor on SJL/J NK cells. *Journal of Immunology* 162: 5876-5887 (PubMed ID: [10229823](#))

Licensing Information

This hybridoma may be licensed nonexclusively for commercial purposes. For more information, please contact TRMOTDRTM@mskcc.org.

Additional Information

Purified antibody may be available for sale through the Memorial Sloan Kettering Antibody & Bioresource Core Facility. Please email skiabcf@mskcc.org for further information.

Stage of Development

Ready to use

Types

[Research Tools](#) › [Antibodies/Hybridomas](#)

▼ Connect

[Contact us](#)

[Locations](#)

APPOINTMENTS

[800-525-2225](#)

▼ About MSK

[About us](#)

[Careers](#)

[Giving](#)

▼ Cancer Care

[Adult cancer types](#)

[Child & teen cancer types](#)

[Integrative medicine](#)

[Nutrition & cancer](#)

[Find a doctor](#)

▾ Research & Education

[Sloan Kettering Institute](#)

[Gerstner Sloan Kettering Graduate School](#) ■

[Graduate medical education](#)

[MSK Library](#) ■

[Communication preferences](#)

[Cookie preferences](#)

[Legal disclaimer](#)

[Accessibility statement](#)

[Privacy policy](#)

[Price transparency](#)

[Public notices](#)

© 2024 Memorial Sloan Kettering Cancer Center