



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Anti-Human NKp44 Monoclonal (3.43)

**Catalog Number:** 12790

**Lot Number:** 150322

**Release Category:** C

**Provided:** 1 mL of culture supernatant

**Description:** A monoclonal antibody to human NKp44 (CD336).

**Host:** Mouse

**Titer:** The user should determine the optimal concentration for any application.

**Special Characteristics:** This antibody was produced in cell culture. It originates from a hybridoma. The hybridoma was created by immunizing a mouse with soluble human NKp44 Fc fusion protein and fusing the resulting splenocytes with SP2/O cells.  
  
The antibody also cross-reacts with primate NKp44.

**Recommended Storage:** Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

**Contributor:** Dr. Marco Colonna

**Isotype:** IgG1

**References:** Cella, M., Fuchs, A., Vermi, W., Facchetti, F., Otero, K., Lennerz, J. K., . . . Colonna, M. (2009). A human natural killer cell subset provides an innate source of IL-22 for mucosal immunity. *Nature*, 457(7230), 722-725. doi:10.1038/nature07537 [PUBMED](#)  
  
Fuchs, A., Cella, M., Kondo, T., & Colonna, M. (2005). Paradoxical inhibition of human natural interferon-producing cells by the activating receptor NKp44. *Blood*, 106(6),

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

Fuchs, A., Vermi, W., Lee, J. S., Lonardi, S., Gilfillan, S., Newberry, R. D., . . . Colonna, M. (2013). Intraepithelial type 1 innate lymphoid cells are a unique subset of IL-12- and IL-15-responsive IFN-gamma-producing cells. *Immunity*, 38(4), 769-781.  
doi:10.1016/j.immuni.2013.02.010 [PUBMED](#)

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-Human NKp44 Monoclonal (3.43) from Dr. Marco Colonna (cat# 12790)." Also include the references cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact The Washington University at the following email address: [qian.zhang@wustl.edu](mailto:qian.zhang@wustl.edu), before the reagent can be released.**

**Last Updated**

July 31, 2018

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