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## Description

Clone 104-2 reacts with CD45 (Leukocyte Common Antigen) on leukocytes of mouse strains that express the CD45.2 alloantigen, including A, AKR, BALB/c, CBA/Ca, CBA/J, C3H/He, C57BL, C57BR, C57L, C58, DBA/1, DBA/2, NZB, SWR, and 129. It has been reported not to react with leukocytes from mouse strains expressing the CD45.1 alloantigen.

## Source

This antibody was derived in 1981 by injection of thymocytes and splenocytes from B10.S mice into SJL mice. Splenocytes from these SJL mice were fused with NS-1 cells to generate hybridomas.

## Inventors

Edward Boyse, MD, formerly of Memorial Sloan Kettering

Fung-Win Shen, PhD

## Key References

Shen FW (1981) Monoclonal antibodies to mouse lymphocyte differentiation alloantigens. *Monoclonal Antibodies and T-Cell Hybridomas: Perspectives and Technical Advances*. Hämmerling GJ, Hämmerling U and Kearney JF, editors. Elsevier/North-Holland Biomedical Press, Amsterdam. 25-31 (ISBN: 9780444803511)

Yakura H et al. (1983) On the function of Ly-5 in the regulation of antigen-driven B cell differentiation. Comparison and contrast with Lyb-2. *Journal of Experimental Medicine* 157: 1077-88 (PubMed ID: [6220106](#))

## Licensing Information

This hybridoma may be licensed nonexclusively for commercial purposes. Please note that Anti-CD45.1 Mouse Monoclonal Antibody (Clone A-20) is also available for licensing from MSK. For more information, please contact [TRMOTDRTM@mskcc.org](mailto:TRMOTDRTM@mskcc.org).

## Additional Information

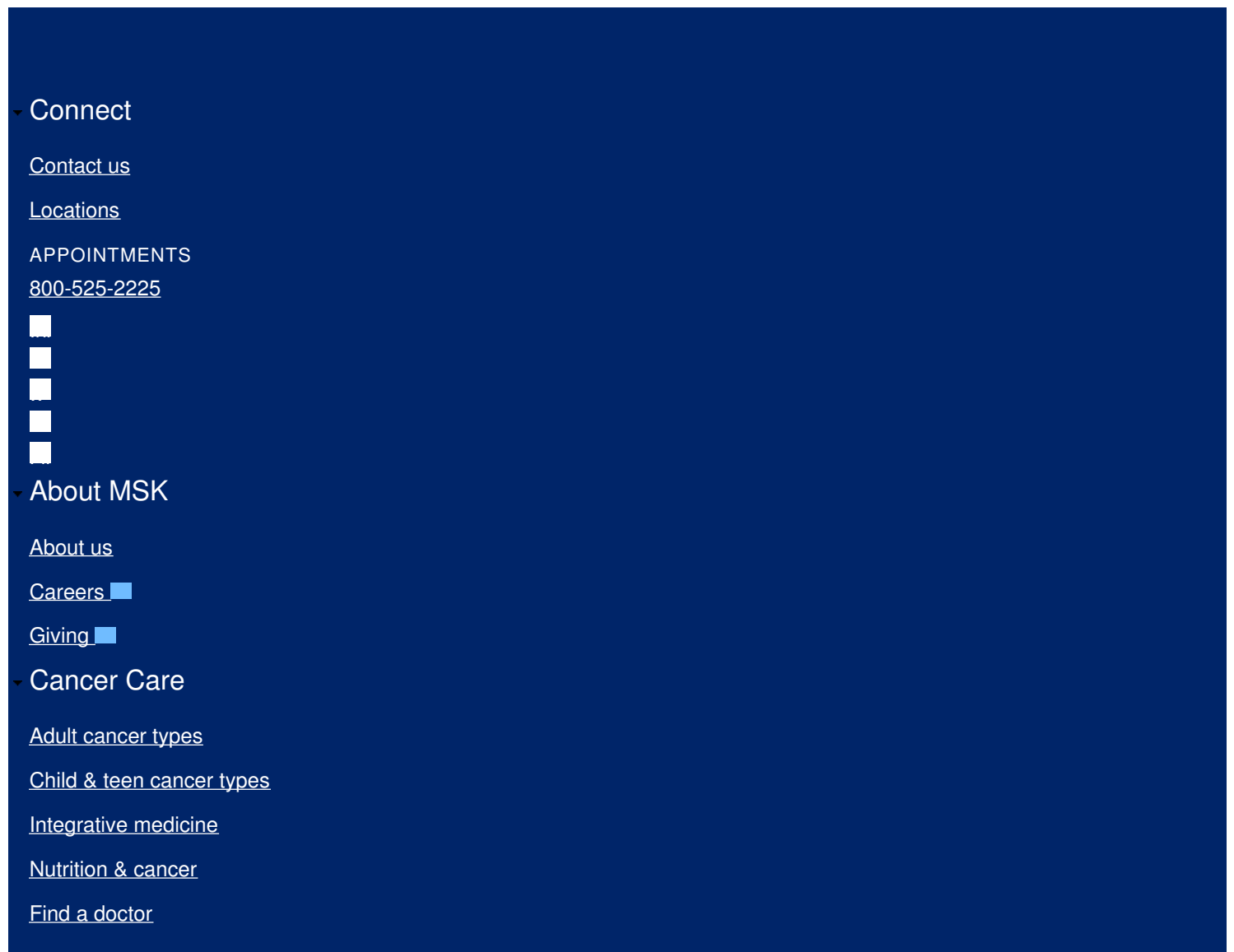
Purified antibody may be available for sale through the Memorial Sloan Kettering Antibody & Bioresource Core Facility. Please email [skiabcf@mskcc.org](mailto:skiabcf@mskcc.org) for further information.






## Stage of Development

Ready to use

## Types

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