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Description

Clone A-20 reacts with CD45 (Leukocyte Common Antigen) on leukocytes of mouse strains that express the CD45.1 alloantigen (e.g., RIII, SJL/J, STS/A, DA). It has been reported not to react with leukocytes from mouse strains expressing the CD45.2 alloantigen.

Source

This antibody was derived in 1981 by injection of thymocytes and splenocytes from SJL mice into A.SW mice. Splenocytes from these A.SW 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: 1077-1088 (PubMed ID: [6220106](#))

Licensing Information

This hybridoma may be licensed nonexclusively for research or commercial purposes. Please note that Anti-CD45.2 Mouse Monoclonal Antibody (Clone 104-2) is also available for licensing from MSK. 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.

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