Docket #: S92-096

3C1 and 2B8 Hybridomas Secreting A Rat Monoclonal Antibody Against Mouse C-Kit Molecule

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The 2B8 and 3C1 monoclonal antibodies can be used to detect c-kit expression on cell surface by surface staining, immunohistochemistry, and immunoprecipitation. Beacuse the c-kit molecule is expressed on hematopietic stem cells, hematopoietic progenitor cells, and mast cells, the antibodies can be used to detect and sort these cell populations from adult bone marrow. They can be potentially used to detect germ cells and melanoblasts.

Publications

- Proc. Natl. Acad. Sci. USA
- Vol. 89, pp. 1502-1506, February 1992

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