Docket #: S97-152

Mouse Ab against the C terminal Fragment of Fly Patched

Hybridoma cells for the production of monoclonal antibodies against C-terminal fragment of fly patched were made by fusion of spleen cells from an immune mouse and sp2/0 myeloma cells. Positive clones were detected by Western blotting and immunocytochemical staining of Schneider cells. After limited dilution subcloning several positive subclones were obtained.

Applications

- Western Blots
- Immunocytochemistry

Advantages

- Hedgehog proteins are key signals involved in development and cancer.
- The antibodies detect expression of patched, which is an indicator of reception of Hedgehog signals.

Publications

- Johnson, R.L. and M.P. Scott (1997) Control of cell growth and fate by patched genes. Cold Spring Harbor Symp. Quant. Biol. 62:205-215

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