



Mouse Monoclonal Antibodies to the Human Nuclear Receptor, Estrogen-Related Receptor Alpha

WARF: P06105US

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The Wisconsin Alumni Research Foundation (WARF) is seeking commercial partners interested in developing high quality, well characterized monoclonal antibodies to ERRalpha.

Overview

Estrogen-related receptor alpha (ERRalpha) is a recently discovered biomarker and treatment target for breast cancer (See WARF reference number P03031US). However, few, if any reliable monoclonal antibodies to ERRalpha are commercially available.

The Invention

UW-Madison researchers have developed high quality, well characterized monoclonal antibodies to ERRalpha. Because some of these antibodies bind antigen tightly but release it when eluted with a mixture of salt and a polyol, they are ideal for use in immunoaffinity chromatography.

Applications

- Immunoprecipitations, including chromatin immunoprecipitation on arrays
- Western blots
- Immunoaffinity chromatography
- Potentially useful as a cancer diagnostic tool or therapeutic drug

Key Benefits

- Some antibodies are useful for "supershifting" ERRalpha-DNA complexes during electrophoresis.
- Those that are "polyol-responsive" are suitable for polyol-based purification of ERRalpha and associated proteins.

Additional Information

For More Information About the Inventors

- [Janet Mertz](#)

Tech Fields

- [Research Tools : Antibodies](#)

For current licensing status, please contact Jennifer Gottwald at jennifer@warf.org or 608-960-9854

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