Mouse Monoclonal Antibodies to Epstein-Barr Virus Nuclear Antigen 1 (EBNA1)

WARF: P07324US

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The Wisconsin Alumni Research Foundation (WARF) is seeking commercial partners interested in nine extensively characterized mouse monoclonal antibodies to EBNA-1.

Overview

Epstein-Barr virus (EBV) is one of the most common human viruses and also is associated with some rare cancers. EBV nuclear antigen 1 (EBNA-1) is involved in replication and transcriptional regulation of EBV. EBNA-1 plays an important role in the malignancies associated with EBV infection, including Burkitt's lymphoma, some Hodgkin's disease and post-transplant lymphoproliferative diseases. Monoclonal antibodies (mAbs) would be a good tool to characterize EBNA-1; however, few high quality mAbs to EBNA-1 currently exist.

The Invention

UW-Madison researchers have produced nine extensively characterized mouse mAbs to EBNA-1, which provide new tools for studying EBV infection and EBNA-1.

Applications

- Specific molecular recognition of EBNA-1 *in vitro* or *in vivo* using experimental techniques such as Western blot, immunoprecipitation (IP) or immunoaffinity chromatography

Key Benefits

- May lead to the development of new means of detecting and treating EBV infection and associated diseases

Tech Fields
- Research Tools : Antibodies

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