



## Monoclonal and Polyclonal Antibodies Raised to Recombinant Mengovirus 3D Polymerase

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The Wisconsin Alumni Research Foundation (WARF) is seeking commercial partners interested in 11 antibodies that specifically react with the Mengo 3D polymerase.

### Overview

Mengovirus is a picornavirus that causes encephalomyocarditis in humans and other animals.

### The Invention

UW-Madison researchers have created polyclonal antibodies and various hybridoma cell lines producing monoclonal antibodies raised to recombinant Mengo 3D polymerase. These antibodies are designated 1B6, 3C5, 10D3, 2F11, 3C6, 2F6, 3B7, 10B3, 1D6, 5F6, and 8D10. This material can be used in the specific molecular recognition and detection of the protein 3D polymerase that is encoded within the genome of Mengovirus in the family *Picornavirae*.

### Applications

- May be used to identify infected cells or animals exposed to infectious virus

### Key Benefits

- Provides additional tools for studying Mengovirus

### Additional Information

#### For More Information About the Inventors

- [Ann Palmenberg](#)

#### Tech Fields

- [Diagnostics & Biomarkers : Diagnostics](#)
- [Research Tools : Antibodies](#)

For current licensing status, please contact Jennifer Gottwald at [jennifer@warf.org](mailto:jennifer@warf.org) or 608-960-9854

