



# Magic™ Mouse Anti-EAV Monoclonal antibody, clone 29Z87 (DMAB-CS24356)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                    |                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| Specificity        | Equine Arteritis Virus                                                                                                       |
| Target             | EAV                                                                                                                          |
| Immunogen          | Inactivated equine arteritis Virus.                                                                                          |
| Isotype            | IgG                                                                                                                          |
| Source/Host        | Mouse                                                                                                                        |
| Species Reactivity | EAV                                                                                                                          |
| Clone              | 29Z87                                                                                                                        |
| Conjugate          | unconjugated                                                                                                                 |
| Applications       | ELISA (Det), LFIA                                                                                                            |
| Format             | Lyophilized                                                                                                                  |
| Size               | 10 µg, 100 µg, 1 mg                                                                                                          |
| Buffer             | 1X Phosphate buffered saline, pH 7.4                                                                                         |
| Preservative       | None                                                                                                                         |
| Storage            | Store at -20°C to -80°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody. |

## BACKGROUND

**Introduction**

Equine arteritis virus (EAV) stands as a single-stranded RNA virus, classifying it among the Arteriviridae family. The virus can trigger Equine Viral Arteritis (EVA), a disease spectrum ranging from subclinical infections to severe respiratory illness and vasculitis. However, one of its most intriguing aspects is its ability to incite reproductive challenges, causing abortion, stillbirths, and even the birth of weak foals.

**Keywords**

Equine arteritis virus; EAV