

## Mouse Anti-Porcine CD46 Monoclonal Antibody

**Cat. No.: VD11N673**

**Product Type: Animal-targeted Antibodies**

**Size: 100 µg**

### Product Overview

BioVenic mouse monoclonal antibody is specific for porcine CD46. It can be applied to FCM assay of porcine CD46.

### Specifications

|                             |                             |
|-----------------------------|-----------------------------|
| Application                 | FCM                         |
| Clonality                   | Monoclonal                  |
| Classification              | Primary Antibody            |
| Clone                       | J7N19                       |
| Host                        | Mouse                       |
| Target Species              | Porcine                     |
| Species Reactivity          | Porcine                     |
| Specificity                 | Porcine CD46                |
| Isotype                     | IgG1                        |
| Immunogen                   | Recombinant protein of CD46 |
| Concentration               | 1 mg/mL                     |
| Conjugation                 | Unconjugated                |
| Preservative and Stabilizer | Sodium Azide                |
| Buffer                      | Phosphate Buffered Saline   |
| Physical State              | Liquid                      |

### Target Information

Porcine CD46, also known as the membrane cofactor protein, is a complement regulatory protein that plays a crucial role in the pig's immune system. It functions by inactivating C3 convertases, thereby protecting cells from complement-mediated damage. Additionally, CD46 serves as a receptor for various pathogens, including atypical porcine pestiviruses, which can exploit this protein for cellular entry.

|            |                        |
|------------|------------------------|
| Target     | Porcine CD46           |
| Gene ID    | <a href="#">396922</a> |
| UniProt ID | <a href="#">O02839</a> |

## Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.