

## Mouse Anti-Porcine IgG1 Monoclonal Antibody

**Cat. No.: VD12N40**

**Product Type: Animal-targeted Antibodies**

**Size: 100 µg**

### Product Overview

BioVenic mouse monoclonal antibody is specific for porcine IgG1. It can be applied to ELISA assay of porcine IgG1.

### Specifications

|                             |                           |
|-----------------------------|---------------------------|
| Application                 | ELISA                     |
| Clonality                   | Monoclonal                |
| Classification              | Primary Antibody          |
| Clone                       | J23N36                    |
| Host                        | Mouse                     |
| Target Species              | Porcine                   |
| Species Reactivity          | Porcine                   |
| Specificity                 | Porcine IgG1              |
| Isotype                     | IgG1                      |
| Immunogen                   | Native protein of IgG1    |
| Concentration               | 1 mg/mL                   |
| Conjugation                 | Unconjugated              |
| Preservative and Stabilizer | Sodium Azide              |
| Buffer                      | Phosphate Buffered Saline |
| Physical State              | Liquid                    |

### Target Information

Porcine IgG1 is a major immunoglobulin subclass in pigs, playing a crucial role in the adaptive immune response. It is produced as part of the secondary immune response to antigens and constitutes a significant portion of total serum immunoglobulins. IgG1 is involved in various immune functions, including neutralization of pathogens, opsonization for phagocytosis, and activation of the complement system. The Fc portion of IgG1 can bind to Fcγ receptors on immune cells such as macrophages and neutrophils, facilitati

ng the clearance of pathogens. Additionally, IgG1 is essential for passive immunization, providing long-term protection against infections.

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Target

Porcine IgG1

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## 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.

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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.