

## Mouse Anti-Foot-and-Mouth Disease Virus (FMDV) Serotype O Monoclonal Antibody-[FITC]

**Cat. No.:** VD7N470

**Product Type:** Animal-targeted Antibodies

**Size:** 1mL

### Product Overview

BioVenic mouse monoclonal antibody is specific for foot-and-mouth disease virus serotype O. It can be applied to FCM, IF, IHC and ELISA assays of foot-and-mouth disease virus serotype O.

### Specifications

|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| Application                 | FCM; IF; IHC; ELISA                                                         |
| Clonality                   | Monoclonal                                                                  |
| Classification              | Labeled Antibody                                                            |
| Clone                       | L14N45                                                                      |
| Host                        | Mouse                                                                       |
| Target Species              | Virus                                                                       |
| Species Reactivity          | Virus                                                                       |
| Specificity                 | Foot-and-Mouth Disease Virus Serotype O                                     |
| Purity                      | > 90%                                                                       |
| Concentration               | 1 mg/mL                                                                     |
| Conjugation                 | FITC                                                                        |
| Preservative and Stabilizer | Sodium Azide                                                                |
| Buffer                      | 0.01M Phosphate Buffered Saline, 0.5% Bovine Serum Albumin and 50% Glycerol |
| Physical State              | Liquid                                                                      |

### Target Information

Foot-and-Mouth Disease Virus Serotype O

|                |                                         |
|----------------|-----------------------------------------|
| Target         | Foot-and-Mouth Disease Virus Serotype O |
| Target Synonym | FMDV; Aphthovirus O                     |
| Gene ID        | <a href="#">37627025</a>                |

## Shipping and Storage

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

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## Reference

Dahiya, Shyam Singh, *et al.* "Foot-and-mouth disease virus serotype O exhibits phenomenal genetic lineage diversity in India during 2018-2022." *Viruses* 15.7 (2023): 1529.

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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.