

## Mouse Anti-Porcine Actin-Related Protein 5 (ACTR5) Monoclonal Antibody

**Cat. No.:** VD8N474

**Product Type:** Animal-targeted Antibodies

**Size:** 50uL; 100uL; 150uL

### Product Overview

BioVenic mouse monoclonal antibody is specific for actin-related protein 5. It is affinity purified by protein G. It can be applied to WB and ELISA assays of actin-related protein 5.

### Specifications

|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| Application                 | WB; ELISA                                           |
| Clonality                   | Monoclonal                                          |
| Classification              | Primary Antibody                                    |
| Clone                       | G10N22                                              |
| Host                        | Mouse                                               |
| Target Species              | Porcine                                             |
| Species Reactivity          | Porcine                                             |
| Specificity                 | Actin-Related Protein 5                             |
| Isotype                     | IgG1                                                |
| Immunogen                   | Recombinant protein of actin-related protein 5      |
| Purification                | Protein G Purified                                  |
| Concentration               | 2100 µg/mL                                          |
| Conjugation                 | Unconjugated                                        |
| Preservative and Stabilizer | 0.02% Sodium Azide                                  |
| Buffer                      | Phosphate Buffered Saline with 50% Glycerol, pH 7.3 |
| Physical State              | Liquid                                              |

### Target Information

Porcine actin-related protein 5 (ARP5) is a member of the actin-related protein (Arp) family, which plays a crucial role in various cellular processes, including the regulation of the actin cytoskeleton, cell division, and intracellular transport. ARP5, in particular, is inv

olved in the dendritic organization of the actin filament network, which is essential for cell morphology and motility. As a target for research and therapeutic intervention, ARP5 holds significant potential. It is often studied in the context of diseases that involve cytoskeletal abnormalities, such as certain types of cancer and neurodegenerative disorders. By modulating the activity or expression of ARP5, it may be possible to influence cellular behavior and response to treatment.

|                |                           |
|----------------|---------------------------|
| Target         | Actin-Related Protein 5   |
| Target Synonym | ACTR5                     |
| Gene ID        | <a href="#">100156550</a> |
| UniProt ID     | <a href="#">F1SDX1</a>    |

## Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt.

## Reference

Yao, Wei, *et al.* "Assembly of the Arp5 (actin-related protein) subunit involved in distinct INO80 chromatin remodeling activities." *Journal of Biological Chemistry* 290.42 (2015): 25700-25709.

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.