

## Mouse Anti-Sheep Tubulin Beta 3 Chain (TUBB3) Monoclonal Antibody-[Biotin]

**Cat. No.:** VD12N611

**Product Type:** Animal-targeted Antibodies

**Size:** 100 µL

### Product Overview

BioVenic mouse monoclonal antibody is specific for sheep 0. It is purified by affinity chromatography. It can be applied to WB, IF and IHC assays of sheep 0.

### Specifications

|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| Application                 | WB; IF; IHC                                          |
| Clonality                   | Monoclonal                                           |
| Classification              | Primary Antibody                                     |
| Clone                       | M7N35                                                |
| Host                        | Mouse                                                |
| Target Species              | Sheep                                                |
| Species Reactivity          | Sheep                                                |
| Specificity                 | Sheep Tubulin Beta 3 Chain                           |
| Isotype                     | IgG1                                                 |
| Purification                | Purified by Affinity Chromatography                  |
| Concentration               | 1 mg/mL                                              |
| Conjugation                 | Biotin                                               |
| Preservative and Stabilizer | 0.02% Sodium Azide                                   |
| Buffer                      | Phosphate Buffered Saline, pH 7.4, with 50% Glycerol |
| Physical State              | Liquid                                               |

### Target Information

Sheep Tubulin Beta 3 Chain (TUBB3) is a member of the tubulin superfamily and a key component of microtubules, essential for maintaining cell shape, facilitating intracellular transport, and playing a critical role in cell division and mitotic spindle formation. In neuronal cells, TUBB3 is particularly important for axon and dendrite formation, making it a valuable marker for neuronal development and maintenance.

|                |                            |
|----------------|----------------------------|
| Target         | Sheep Tubulin Beta 3 Chain |
| Target Synonym | TUBB3                      |

**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.