

## iNeuMab™ Mouse Anti-SLC17A7 Monoclonal Antibody (CBP7228)

Cat. No.: NAB-0720-Z9691

### PRODUCT OVERVIEW

|                           |   |
|---------------------------|---|
| <b>Immunogen</b>          | Fusion protein corresponding to Rat VGluT1 aa 450-600 (C terminal). |
| <b>Species Reactivity</b> | Mouse; Rat; Human   |
| <b>Clonality</b>          | Monoclonal  |
| <b>Host Species</b>       | Mouse   |
| <b>Isotype</b>            | IgG1, kappa   |
| <b>Clone Number</b>       | CBP7228   |
| <b>Applications</b>       | WB; IHC-P   |
| <b>Research Areas</b>     | Cell Adhesion Protein   |
| <b>Marker</b>             | Membrane Protein  |
| <b>Conjugation</b>        | Unconjugated  |

### PRODUCT PROPERTIES

|                          |  |
|--------------------------|--|
| <b>Formulation</b>       | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: PBS, 6.97% L-Arginine  |
| <b>Purification</b>      | Protein G purified   |
| <b>Purity</b>            | >95%   |
| <b>Endotoxin Level</b>   | Low Endotoxin  |
| <b>Shipping</b>          | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.  |
| <b>Storage</b>           | 12 months from date of receipt, -20 to -70 °C as supplied.<br>1 month, 2 to 8 °C under sterile conditions after reconstitution.<br>6 months, -20 to -70 °C under sterile conditions after reconstitution.<br>Notes: avoid repeated freeze-thaw cycles. |
| <b>Research Use Only</b> | For research use only, not for diagnostic or therapeutic use.  |

### TARGET

|                          |  |
|--------------------------|--|
| <b>Target</b>            | VGluT1   |
| <b>Official Name</b>     | SLC17A7  |
| <b>Full Name</b>         | Vesicular glutamate transporter 1  |
| <b>Alternative Names</b> | SLC17A7; BNPI; VGLUT1; solute carrier family 17 member 7                                   |
| <b>Gene ID</b>           | <a href="#">57030</a> (Human); <a href="#">72961</a> (Mouse); <a href="#">116638</a> (Rat) |

**Uniprot ID**

[Q9P2U7](#) (Human); [Q3TXX4](#) (Mouse); [Q62634](#) (Rat)

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