

## Product Datasheet

### cTnI (phospho-S23/S24) Blocking Peptide (orb706293)

|                            |                                                                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | The peptide is used to block Anti-cTnI (pS23/S24) antibody < a href="https://www.biorbyt.com/tnni3-p..."                                                                                                                                                                                                        |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                                                                                                                                               |
| <b>Tested Applications</b> | Blocking                                                                                                                                                                                                                                                                                                        |
| <b>Target</b>              | TNNI3                                                                                                                                                                                                                                                                                                           |
| <b>Form/Appearance</b>     | Lyophilized powder                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>             | Shipped at 4°C. Store at -20°C for one year.                                                                                                                                                                                                                                                                    |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                                           |
| <b>Application notes</b>   | Quality Control: The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.Directions for Use: Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours. |
| <b>Purity</b>              | > 85%                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>              | Synthetic                                                                                                                                                                                                                                                                                                       |
| <b>Uniprot ID</b>          | <b>P48787, P23693, P19429</b>                                                                                                                                                                                                                                                                                   |
| <b>Entrez</b>              | <b>7137, 21954, 29248</b>                                                                                                                                                                                                                                                                                       |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                                                                                 |