



Specification Sheet

| Antibody against Troponin I | | |
|---|---|--|
| Product Name | CtnI mAb4-coating | |
| Catalog Number | A60-Ab4 | |
| Quantity | | |
| Lot Number | | |
| Description | Monoclonal antibody to human Cardiac Troponin I (cTnI) | |
| Product Profile | Immunogen | Human Troponin complex |
| | Specificity | Specific for Cardiac Troponin I, (residues: AA18-30 and 80-89) no cross for slow and fast skeletal muscles Troponin I (Slow skTnI and fast skTnI) |
| | Format | Liquid |
| | Buffer | 50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN ₃ |
| | Source/Clone | Mouse ascites / Monoclonal |
| | Subclass | IgG1 |
| | Purification | Ion-exchange purified |
| | Concentration | |
| | Purity | >95% |
| | Affinity constant | |
| Application | Suitable for use in ELISA or Lateral flow immunoassay (double antibody test for cTnI detection). Other applications have not been tested but use in such assays should not be excluded. | |
| Performance review | <ul style="list-style-type: none"> Capable of creating tests with sensitivity of 0.5 ng/ml or lower. Recommended pair for double antibody immunoassay: Coating: A60-Ab4; labeling: A60-Ab3 | |
| Store at | 2-8°C. For long-term storage, freeze at -20°C. | |
| Precautions and Disclaimer | This product contains NaN ₃ , which has been classified as Harmful, in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent NaN ₃ build-up in drains. | |
| Note | Centrifuge before opening to ensure complete recovery of vial contents | |
| FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES | | |