

## Anti-Cardiac Troponin T Antibody [4B6H2]

Cat. NO. bc30023

Size: 0.2mg, 1mg, 10mg

Target: Human Cardiac Troponin T

Clone: 4B6H2

Isotype: IgG1

Format: Unconjugated, Unmodified

Applications: ELISA, CLIA

Description: Cardiac TnT (cTnT) is the largest subunit of the troponin complex which is composed of cTnT, troponin I (TnI), troponin C (TnC). It is encoded by the TNNT2 gene with a calculated molecular weight of 34.6 kDa. The cTnT is considered as a useful biomarker for the diagnosis of acute myocardial infarction.

### Overview

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| Product name       | Anti-Cardiac Troponin T antibody [4B6H2]                               |
| Description        | Mouse monoclonal [4B6H2] to Cardiac Troponin T                         |
| Host species       | Mouse                                                                  |
| Species reactivity | Human cTnT<br>No cross-reactivity with human cTnI                      |
| Production         | Cultured in vitro under conditions free from animal-derived components |

### Properties

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| Form                 | Liquid                                                                                                           |
| Storage instructions | For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles           |
| Storage buffer       | PBS, pH 7.4, containing 0.03% Proclin 300<br>50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300 |
| Concentration        | 2 mg/ml                                                                                                          |
| Purity               | Protein A/G affinity column                                                                                      |
| Clonality            | Monoclonal                                                                                                       |

## Application

| Platform | Capture | Detection |
|----------|---------|-----------|
| ELISA    | 26D7    | 25C11     |
|          | 1H5C2   | 4B6       |
|          | 4B6H2   | 12F6      |
| CLIA     | 1H5C2   | 4B6       |

## Related Product

| Cat. No. | Product                                              | Clone |
|----------|------------------------------------------------------|-------|
| bc30019  | Anti- Cardiac Troponin T Antibody [25C11] mAb, Mouse | 25C11 |
| bc30020  | Anti- Cardiac Troponin T Antibody [26D7] mAb, Mouse  | 26D7  |
| bc30021  | Anti- Cardiac Troponin T Antibody [1H5C2] mAb, Mouse | 1H5C2 |
| bc30022  | Anti- Cardiac Troponin T Antibody [4B6] mAb, Mouse   | 4B6   |
| bc30023  | Anti- Cardiac Troponin T Antibody [4B6H2] mAb, Mouse | 4B6H2 |
| bc30024  | Anti- Cardiac Troponin T Antibody [12F6] mAb, Mouse  | 12F6  |



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