



Carbuncle *BioScienTech*, LLC.

Product Specification

Anti-NT-proBNP Monoclonal Antibody
Clone No. NpBP-C-12
Catalog No. CB02-NP-C12

Description: Mouse anti- NT-proBNP monoclonal antibody, Clone No. NpBP-C-12, unconjugated.

Immunogen: Modified synthetic peptide corresponding to human NT-proBNP, conjugated with protein.

Form: Solution in Dulbecco's Phosphate-Buffered Saline (modified) containing 0.03% ProClin.

Quantity: 50 µg

Concentration: 0.9- 1.1 mg/mL

Determined by extinction coefficient, absorbance at 280nm of 1.38 equals 1.0 mg of IgG ($E_{1\%}^{1\text{cm}} = 13.8$).

Purification: Affinity chromatography using protein G.

Application: NT-proBNP immunoassay

Subclass: IgG2a

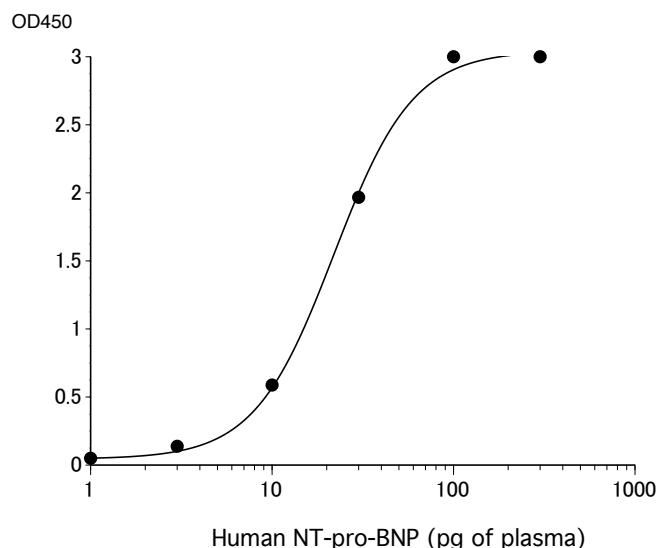
Specificity: React to C-terminal part of human NT-proBNP.

Storage: store at -20°C or -75°C. Avoid freeze-thaw cycles.

Stability : frozen, 1 year at -75°C or less.

Note: For research use only.

Calibration curve of NT-proBNP sandwich immunoassay



NpBP-N-10 (NT-proBNP; N-terminal part, IgG1) ---NpBP-C-12 (NT-proBNP; C-terminal part, IgG2a)