



### Anti-proBNP antibody [5B6] ab13111

**4 References**   **2 图像**

#### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-proBNP抗体[5B6]  |
| 描述    | 小鼠单克隆抗体[5B6] to proBNP  |
| 宿主    | Mouse   |
| 经测试应用 | 适用于: ELISA, WB  |
| 种属反应性 | 与反应: Recombinant fragment   |
| 免疫原   | Synthetic peptide:<br>HPLGSPGSASDL<br>, corresponding to amino acids 1 - 12 of Human proBNP.<br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> |
| 常规说明  | This product has switched from ascites to TCS on 10th June 2020.  |

Immunoglobulin concentrations vary from batch to batch (generally 4-6 mg/ml for this clone).  
Please contact technical services for the latest information.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

#### 性能

|      |   |
|------|---|
| 形式   | Liquid  |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| 存储溶液 | Preservative: 0.1% Sodium azide   |
| 纯度   | Protein A purified  |
| 克隆   | 单克隆   |
| 克隆编号 | 5B6   |

同种型lgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab13111于以下的经测试应用

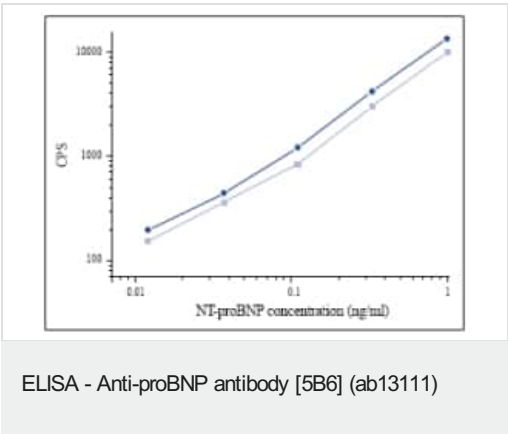
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用    | Ab评论 | 说明   |
|-------|------|--|
| ELISA |      | Use at an assay dependent concentration.   |
| WB    |      | Use at an assay dependent concentration. Detects a band of approximately 13 kDa. |

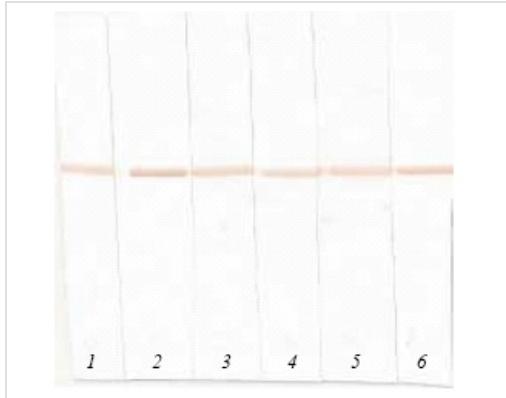
靶标

|       |  |
|-------|--|
| 功能    | Cardiac hormone which may function as a paracrine antifibrotic factor in the heart. Also plays a key role in cardiovascular homeostasis through natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3. |
| 组织特异性 | Brain and also in atria, but at much lower levels than ANP.  |
| 序列相似性 | Belongs to the natriuretic peptide family.   |
| 细胞定位  | Secreted.  |

图片



NT-proBNP calibration curves using pairs **ab14703** [10H4] and ab13111 [5B6] (grey), and **ab13115** [15F11] and ab13111 [5B6] (black), (capture: 2 µg/well, detection: Eu-labeled 5B6; 200 ng/well). Antigen was recombinant NT-proBNP. Incubated 1 hr at room temperature



Western blot - Anti-proBNP antibody [5B6]  
(ab13111)

WB detecting proBNP showing comparable detection from a range of antibodies available. Lane 1 - ab13111 [5B6], lane 2 - **ab13115** [15F11], lane 3 - **ab13059** [11D1], lane 4 - **ab13124** [15D7], lane 5 - **ab13122** [13C1], lane 6 **ab13123** [24E11]. WB detecting proBNP showing comparable detection from a range of antibodies available. Lane 1 - ab13111 [5B6], lane 2 - **ab13115** [15F11], lane 3 - **ab13059** [11D1], lane 4 - **ab13124** [15D7], lane 5 - **ab13122** [13C1], lane 6 **ab13123** [24E11].

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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