# pBV220-anti-CD47 nanobody

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| **载体编号 Vector ID** | V014075 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 4057 bp |
| **载体类型 Vector Type** | Protein expression, Antibody expression |
| **宿主 Host** | E. coli |

## 产品信息

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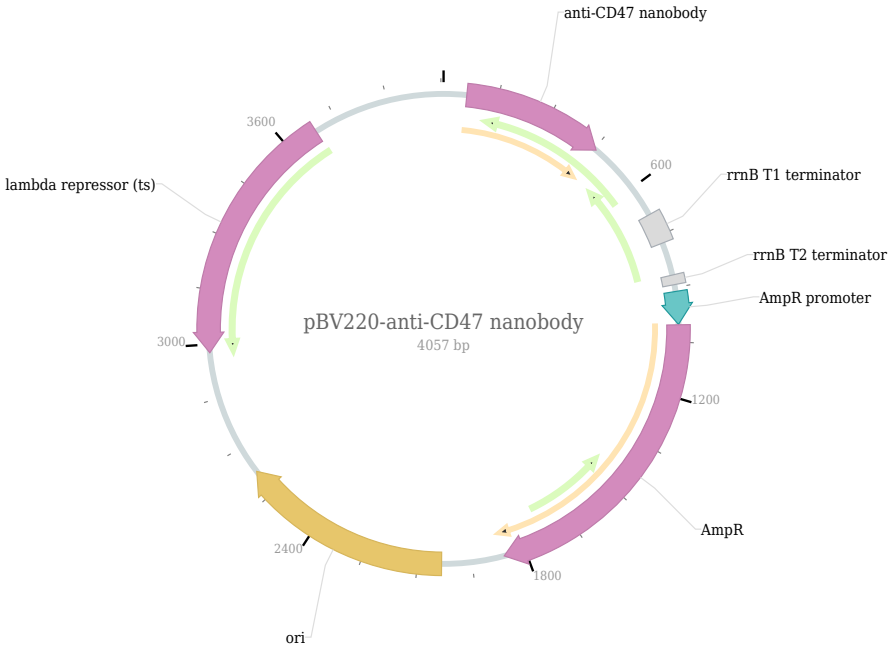
|---|---|
| **复制子 Replication Origin** | ori |
| **启动子 Promoter** | PL,PR |
| **培养菌株 Growth Strain(s)** | Stbl3 |
| **培养温度 Growth Temperature** | 30℃ |
| **备注 Comment** | Engineered E. coliwith $Fe_3O_4$ nanoparticles are magnetically manipulated to lyse in tumors via heat-sensitive promoters, releasing an anti-CD47 nanobody. This activates immune responses against primary and distal tumors. |

## 质粒图谱



## 复溶方法

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.