



# RNA Polymerase beta Rabbit mAb

|                    |                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-17902                                                                                                                                                                                                                                                                                                       |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                              |
| Reactivity         | Escherichia Coli                                                                                                                                                                                                                                                                                                 |
| Applications       | WB,IP                                                                                                                                                                                                                                                                                                            |
| Gene Name          | rpoB                                                                                                                                                                                                                                                                                                             |
| Alternative Names  | groN; nitB; rif; RNA pol beta; RNA polymerase subunit beta; ron; rpoB; stl; stv; tabD; Transcriptase subunit beta                                                                                                                                                                                                |
| Research Field     | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                |
| Product Categories | Primary antibody                                                                                                                                                                                                                                                                                                 |
| Host               | Rabbit                                                                                                                                                                                                                                                                                                           |
| Molecular Weight   | Calculated MW: 151 kDa; Observed MW: 151 kDa                                                                                                                                                                                                                                                                     |
| Clonality          | Monoclonal Antibody                                                                                                                                                                                                                                                                                              |
| Clonality No.      | R01-3C9                                                                                                                                                                                                                                                                                                          |
| Dilution           | WB: 1/500-1/1000 IP: 1/20                                                                                                                                                                                                                                                                                        |
| Immunogen          | A synthesized peptide derived from RNA polymerase beta                                                                                                                                                                                                                                                           |
| Purification       | Affinity Chromatography                                                                                                                                                                                                                                                                                          |
| Conjugation        | Unconjugated                                                                                                                                                                                                                                                                                                     |
| Modification       | Unmodified                                                                                                                                                                                                                                                                                                       |
| Form               | Liquid                                                                                                                                                                                                                                                                                                           |
| Buffer System      | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                               |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                          |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                             |
| Storage            | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                                                                                                                                                                         |
| Background         | RNA polymerase beta (rpoB) is the $\beta$ subunit of the bacterial RNA polymerase and is the subunit which possesses the polymerase activity. This protein is a highly conserved enzyme contained by many bacteria and has been reported as a useful marker for studies in bacterial identification and ecology. |

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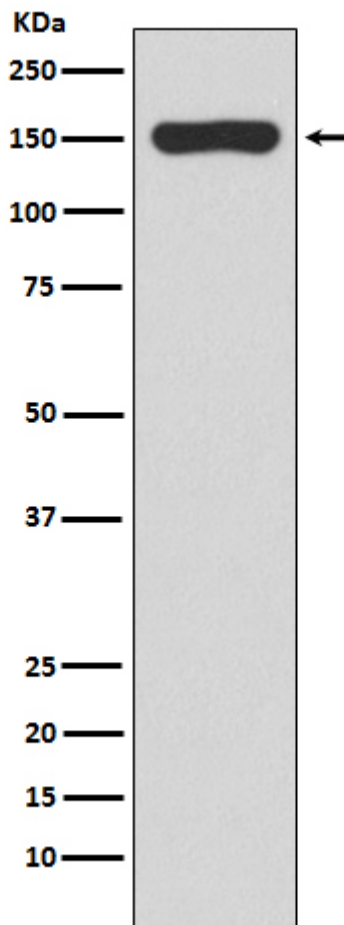
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



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