



# LexA DNA Binding Region Monoclonal Antibody

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|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-01195                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>                   |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                   | Recombinant Protein of LexA DNA Binding Region                                                                                                                                                                                                                                                                                                                          |
| <b>Specificity</b>                 | The antibody detects endogenous LexA DNA Binding Region protein.                                                                                                                                                                                                                                                                                                        |
| <b>Formulation</b>                 | PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.                                                                                                                                                                                                                                                                                   |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                    |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>                    | LexA DNA Binding Region;YM3412                                                                                                                                                                                                                                                                                                                                          |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Cell Pathway</b>                |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Background</b>                  | LexA (EC 3. 1. 8) is a DNA binding protein, is associated with SOS response of cyanobacteria as well as other regulatory networks. Has been shown to directly regulate genes involved in carbon assimilation or controlled by carbon availability. In Synechocystis PCC 6803 LexA is not localised to the thylakoid membranes but to the inner region of the cytoplasm. |
| <b>matters needing attention</b>   | 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**

Western Blot analysis of various cells using LexA DNA Binding Region Monoclonal Antibody