

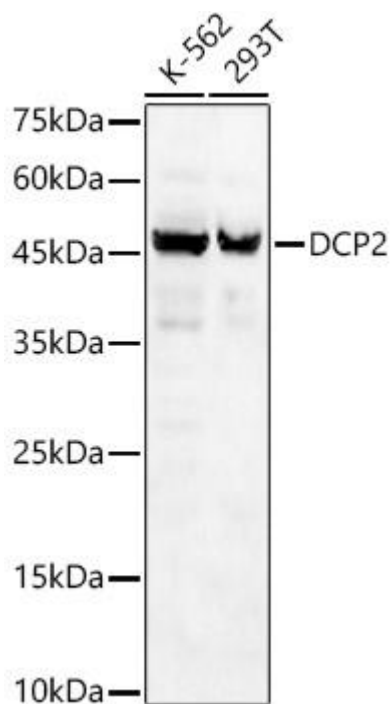


## DCP2 Mouse mAb

|                             |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No                  | YP-mAb-19010                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity                  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                     |
| Applications                | WB                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Name                   |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Protein Name                |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen                   | Recombinant protein (or fragment).This information is considered to be commercially sensitive.                                                                                                                                                                                                                                                                                                      |
| Specificity                 |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formulation                 |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source                      | Monoclonal,Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                |
| Purification                | Affinity purification                                                                                                                                                                                                                                                                                                                                                                               |
| Dilution                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                |
| Storage Stability           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                        |
| Synonyms                    |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Observed Band               | 44kDa                                                                                                                                                                                                                                                                                                                                                                                               |
| Calculated Molecular Weight | 48kDa                                                                                                                                                                                                                                                                                                                                                                                               |
| Cell Pathway                |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Tissue Specificity          |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Function                    |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Background                  | The protein encoded by this gene is a key component of an mRNA-decapping complex required for degradation of mRNAs, both in normal mRNA turnover, and in nonsense mediated mRNA decay (NMD). It removes the 7-methyl guanine cap structure from mRNA, prior to its degradation from the 5' end. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene |
| 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**

Western blot analysis of various lysates, using DCP2 Mouse mAb (A8282) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.