

## Monoclonal Antibody to Cartilage Oligomeric Matrix Protein (COMP)

**Catalog No:** FY-AB54199

**Organism Species:** Mus musculus (Mouse)

**Application:** WB; IHC; ICC; IP.

**Alternative Names:** MED; EDM1; EPD1; PSACH; THBS5; TSP-5; Pseudoachondroplasia, Epiphyseal Dysplasia 1, Multiple; Thrombospondin 5

### PROPERTIES

|                      |  |
|----------------------|--|
| Source               | Monoclonal antibody preparation  |
| Host species         | Mouse  |
| Cross Reactivity     | Ra;  |
| Purification         | Protein A+G  |
| Research Area        | Metabolic pathway; Bone metabolism;  |
| Appearance           | Liquid   |
| Size                 | 200 $\mu$ l; 1mg/mL  |
| Formulation          | 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.  |
| Immunogen            | Recombinant Cartilage Oligomeric Matrix Protein (COMP)   |
| Application          | Western blotting: 0.2-2 $\mu$ g/mL, 1:500-5000   |
|                      | Immunohistochemistry: 5-20 $\mu$ g/mL, 1:50-200  |
|                      | Immunocytochemistry: 5-20 $\mu$ g/mL, 1:50-200   |
| Storage instructions | Stable for 12 months. at -20 $^{\circ}$ C from date of shipment.<br>Aliquot to avoid repeated freezing and thawing.<br>Store at 2-8 $^{\circ}$ C for frequent use.<br>For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.   |
| Stability Test       | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 $^{\circ}$ C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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