



# Sox-8/9/17/18 Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-02031                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>                   | SOX8/9/17/18                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human SOX8/9/17/18. AA range:116-165                                                                                                                                                                                                                                                                                      |
| <b>Specificity</b>                 | Sox-8/9/17/18 Monoclonal Antibody detects endogenous levels of Sox-8/9/17/18 protein.                                                                                                                                                                                                                                                                                                         |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                       |
| <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>                    | Sox-8/9/17/18;SOX8/9/17/18;Transcription factor SOX-8/9/17/18;SOX8;Transcription factor SOX-8;SOX9;Transcription factor SOX-9;SOX17;Transcription factor SOX-17;SOX18;Transcription factor SOX-18                                                                                                                                                                                             |
| <b>Observed Band</b>               | 47kD                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Calculated Molecular Weight</b> | 47kD                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cell Pathway</b>                | Nucleus .                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b>          | Brain,Spleen,                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>                    | function:May play a role in central nervous system, limb and facial development. May be involved in male sex determination. Binds the consensus motif 5'-[AT][AT]CAA[AT]G-3'. ,similarity:Contains 1 HMG box DNA-binding domain.,                                                                                                                                                             |
| <b>Background</b>                  | SRY-box 8(SOX8) Homo sapiens This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. This protein may be involved in brain development and |



function. Haploinsufficiency for this protein may contribute to the mental retardation found in haemoglobin H-related mental retardation (ART-16 syndrome). [provided by RefSeq, Jul 2008],

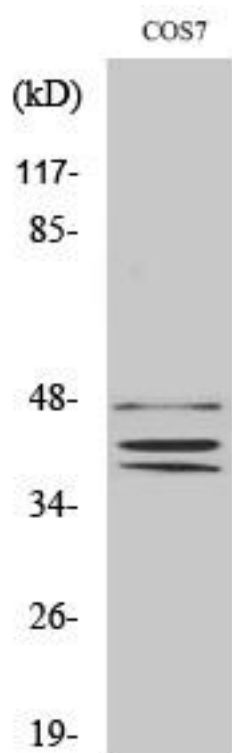
**matters needing attention**

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 cells using Sox-8/9/17/18 Monoclonal Antibody