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| <b>Product name:</b>     | DMRT1 Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cat number:</b>       | MABN84404                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen:</b>        | A synthesized peptide derived from human DMRT1                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications:</b>     | WB 1:1000-1:2000,IP 1:20-1:50                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Weight:</b> | Calculated MW: 39 kDa ; Observed MW: 34 kDa                                                                                                                                                                                                                                                                                                                                       |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide,0.05% BSA and 50% glycerol.                                                                                                                                                                                                                                                                                                      |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                      |
| <b>Background:</b>       | Transcription factor that plays a key role in male sex determination and differentiation by controlling testis development and male germ cell proliferation. Plays a central role in spermatogonia by inhibiting meiosis in undifferentiated spermatogonia and promoting mitosis, leading to spermatogonial development and allowing abundant and continuous production of sperm. |