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| <b>Product name:</b>     | Phospho-UBF1 (S484) (12P4) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Cat number:</b>       | MABN06044                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <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 synthetic peptide of human UBF1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications:</b>     | WB 1:1000-1:2000, IHC 1:100-1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Weight:</b> | 89kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification:</b>     | Affinity purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Buffer:</b>           | Supplied in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% New type preservative N and 0.05% BSA.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <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>       | Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. Recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I through cooperative interactions with the transcription factor SL1/TIF-IB complex. It binds specifically to the upstream control element. |