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| Cat. No: | MABN86027 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Mouse |
| Isotype: | Mouse IgG1 |
| Immunogen: | This XRN1 antibody is generated from a mouse immunized with arecombinant protein between1455-1706 amino acids from human XRN1. |
| Reactivity: | Human, Mouse |
| Applications: | WB 1:1000-1:2000 |
| Molecular Weight: | 194.1kDa |
| Purification: | Affinity Purification |
| Synonyms: | 5'-3' exoribonuclease 1, 3.1.13.-, Strand-exchange protein 1 homolog, XRN1, SEPI |
| Background: | Major 5'-3' exoribonuclease involved in mRNA decay. Required for the 5'-3'-processing of the G4 tetraplex-containing DNA and RNA substrates. The kinetic of hydrolysis is faster for G4 RNA tetraplex than for G4 DNA tetraplex and monomeric RNA tetraplex. Binds to RNA and DNA (By similarity). Plays a role in replication-dependent histone mRNA degradation. May act as a tumor suppressor protein in osteogenic sarcoma (OGS). |
| Form: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05% sodium azide. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |

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