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| <b>Product name:</b>     | DDB2 Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cat number:</b>       | MABN84497                                                                                                                                                                                                                                                                                                                                                                                         |
| <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 DNA damage binding protein 2                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications:</b>     | WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Weight:</b> | Calculated MW: 48 kDa ; Observed MW: 45 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>       | Protein, which is both involved in DNA repair and protein ubiquitination, as part of the UV-DDB complex and DCX (DDB1-CUL4-X-box) complexes, respectively.Core component of the UV-DDB complex (UV-damaged DNA-binding protein complex), a complex that recognizes UV-induced DNA damage and recruit proteins of the nucleotide excision repair pathway (the NER pathway) to initiate DNA repair. |