

**Product Name: DDB1 (2D6) Mouse Monoclonal Antibody**  
**Catalog #: AMM03669**

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## Summary

|                        |                                      |
|------------------------|--------------------------------------|
| <b>Production Name</b> | DDB1 (2D6) Mouse Monoclonal Antibody |
| <b>Description</b>     | Primary antibody                     |
| <b>Host</b>            | Mouse                                |
| <b>Application</b>     | WB                                   |
| <b>Reactivity</b>      | Human,Mouse,Rat,Monkey               |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG2b  |
| <b>Clonality</b>    | Monoclonal Antibody  |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.          |
| <b>Purification</b> | Affinity Purified  |

## Immunogen

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | DDB1                                   |
| <b>Alternative Names</b> | XPE; DDBA; XAP1; XPCE; XPE-BF; UV-DDB1 |
| <b>Gene ID</b>           | 1642                                   |
| <b>SwissProt ID</b>      | Q16531                                 |

## Application

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000                             |
| <b>Molecular Weight</b> | Calculated MW: 127 kDa; Observed MW: 127 kDa |

## Background

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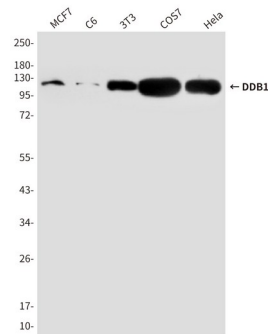
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Required for DNA repair. Binds to DDB2 to form the UV-damaged DNA-binding protein complex (the UV-DDB complex). The UV-DDB complex may recognize UV-induced DNA damage and recruit proteins of the nucleotide excision repair pathway (the NER pathway) to initiate DNA repair.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of DDB1 in HeLa, MCF-7, COS7, C6 and 3T3 lysates using DDB1 antibody.

## Note

For research use only.