

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

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat, Monkey
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

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

**Antigen Information**

<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
<b>Immunogen</b>	A synthetic peptide of human DDB1

**Background**

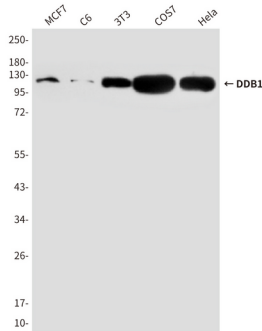
Required for DNA repair. Binds to DDB2 to form the UV-damaged DNA-binding protein complex (the UV-DDB complex). The UV-DDB complex may recognize UV-induced DNA damage and recruit proteins of the nucleotide excision repair pathway (the

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.