

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

Summary

Production Name	DDB1 (2D6) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat,Monkey

Performance

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

Immunogen

Gene Name	DDB1
Alternative Names	XPE; DDBA; XAP1; XPCE; XPE-BF; UV-DDB1
Gene ID	1642
SwissProt ID	Q16531.

Application

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

Background

Required for DNA repair. Binds to DDB2 to form the UV-damaged DNA-binding protein complex (the UV-DDB complex).

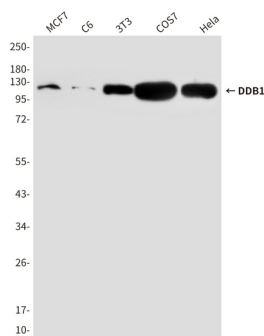
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The UV-DDB complex may recognize UV-induced DNA damage and recruit proteins of the nucleotide excision repair pathway (the NER pathway) to initiate DNA repair.

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.