

Product Datasheet

DDB1 Mouse mAb

Catalog No: AB3260

Reactivity: Human, Mouse, Rat, Monkey

Isotype: Mouse IgG2b

Applications: WB



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Information

UniProt ID: Q16531

All Names: XPE; DDBA; XAP1; XPCE; XPE-BF; UV-DDB1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

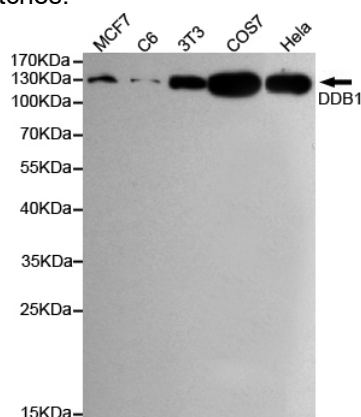
Molecular Wt.: 127KDa

Application

WB 1:1000

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. The UV-DDB complex preferentially binds to cyclobutane pyrimidine dimers (CPD), 6-4 photoproducts (6-4 PP), apurinic sites and short mismatches.



Western blot detection of DDB1 in HeLa, MCF7, COS7, C6 and 3T3 cell lysates using DDB1 mouse mAb (1:1000 diluted), with Super ECL. Predicted band size: 127KDa. Observed band size: 127KDa.

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