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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Cyclobutane pyrimidine dimer [C3B6] Standard Size Ab02237-3.0

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2b, Kappa

Clone Number: C3B6

Alternative Name(s) of Target: CPD

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Species independent

Immunogen: The original antibody was generated by hyperimmunizing mice with UV irradiated polydeoxynucleotides.

Specificity: This antibody recognizes UV-irradiated polynucleotides and oligonucleotides that contain the (6-4)-dipyrimidine photoproduct.

Application Notes: This antibody is recommended for detection of DNA damage caused by UV irradiation. This antibody is also known as αUVssDNA-1. Recombinant C3B6 scFv binds UV-poly(dT) in an ELISA with no evidence of cross-reactivity with unirradiated polythymidylic acid [poly(dT)](PMID: 10710441).

Antibody First Published in: Strickland et al. Characterisation of two monoclonal antibodies specific for dimerised and non-dimerised adjacent thymidines in single stranded DNA. Photochem Photobiol. (1981); 34(5):595-601. [PMID:7301937](#)

Note on publication: Describes the generation of of two antibodies, one recognizing the thymidine dimers and other that recognizes the unirradiated or UV-irradiated tracts of thymidine.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.