

Anti-(6-4) DNA photoproducts [64M-2] Standard Size Ab00226-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 64M-2

Alternative Name(s) of Target: Pyrimidine Dimer

UniProt Accession Number of Target Protein:

Published Application(s): ELISA, IF

Published Species Reactivity: Species independent

Immunogen: UV-irradiated ssDNA electrostatically conjugated to methylated BSA.

Specificity: Recognises DNA photoproducts, permitting detection and quantification.

Application Notes:

Antibody First Published in: Mori et al. Simultaneous establishment of monoclonal antibodies specific for either cyclobutane pyrimidine dimer or (6-4)photoproduct from the same mouse immunized with ultraviolet-irradiated DNA. Photochem Photobiol. 1991 Aug;54(2):225-32. [PMID:1780359](#)

Note on publication: Describes the simultaneous generation of monoclonal antibodies to UV-irradiated DNA in the same mouse.

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.