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

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 simulataneous generation of monoclonal antibodies to UV-irradiated DNA in the same mouse.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{0}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{0}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.

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