

## Anti-(6-4) DNA photoproducts [64M-5] Bulk Size Ab00227-23.0-BT

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

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** 64M-5

**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:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.