

Anti-Cisplatin modified DNA [CP9/19]

Catalogue number: 152732

Sub-type: Primary antibody

Images:

Contributor

Inventor: Michael Tilby

Institute: Absolute Antibody ; Newcastle University ; The Institute of Cancer Research

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Cisplatin modified DNA [CP9/19]

Alternate name:

Class: Recombinant

Conjugate: Unconjugated

Description: This antibody enables the quantification of cisplatin-induced adducts on DNA. This antibody has also been recently used for isolation of DNA fragments carrying adducts to enhance the sensitivity of subsequent PCR-based analyses and is central to ongoing studies of variation in the nature of cisplatin adducts formed in different cell lines. Antibody CP9/19 recognises only the intra-strand cross-links formed by cisplatin between adjacent purines.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a kappa

Reactivity:

Selectivity:

Host: Rat

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

RNA/DNA

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Cisplatin modified native DNA

Target alternate names:

Target background: This antibody enables the quantification of cisplatin-induced adducts on DNA. This antibody has also been recently used for isolation of DNA fragments carrying adducts to enhance the sensitivity of subsequent PCR-based analyses and is central to ongoing studies of variation in the nature of cisplatin adducts formed in different cell lines. Antibody CP9/19 recognises only the intra-strand cross-links formed by cisplatin between adjacent purines.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; IP ; DB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-Cisplatin modified DNA [CP9/19]

References

References: Original hybridoma first published in: Kee et al. 2000. J Cell Biochem. 78(1):97-111. PMID: 10797569. ; beta1B integrin subunit contains a double lysine motif that can cause accumulation within the endoplasmic reticulum.

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