

# Product Datasheet

## Cisplatin Modified DNA Antibody (CP9/19) - BSA Free NBP2-50165

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-50165**

Cisplatin Modified DNA Antibody (CP9/19) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CP9/19
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

<b>Description</b>	Novus Biologicals Rat Cisplatin Modified DNA Antibody (CP9/19) - BSA Free (NBP2-50165) is a monoclonal antibody validated for use in IHC, ELISA, Flow and IP. Anti-Cisplatin Modified DNA Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rat
<b>Species</b>	Non-species specific
<b>Specificity/Sensitivity</b>	CP9/19 recognises only the intra-strand cross-links formed by Cisplatin between adjacent purines.

**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin, Dot Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin, Dot Blot 1:100 - 1:2000
<b>Application Notes</b>	Positive control(s): RNA/DNA. Use in Immunohistochemistry-paraffin reported in scientific literature (PMID: 31673101).

**Publications**

Tesfay L, Paul BT, Hegde P et al. Complementary anti-cancer pathways triggered by inhibition of sideroflexin 4 in ovarian cancer Scientific reports 2022-11-19 [PMID: 36402786]
Federico C, Sun J, Muz B et al. Localized Delivery of Cisplatin to Cervical Cancer Improves Its Therapeutic Efficacy and Minimizes Its Side-Effect Profile Int J Radiat Oncol Biol Phys 2020-11-27 [PMID: 33253820]
Kita Y, Hamada A, Saito R et al. Systematic chemical screening identifies disulfiram as a repurposed drug that enhances sensitivity to cisplatin in bladder cancer: a summary of preclinical studies Br. J. Cancer 2019-11-01 [PMID: 31673101] (IHC-P, Human)



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## Products Related to NBP2-50165

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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