

# Product Datasheet

## Adenovirus Antibody (8C4) - BSA Free NB600-413

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 9

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**NB600-413****Adenovirus Antibody (8C4) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	8C4
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Adenovirus Antibody (8C4) - BSA Free (NB600-413) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Adenovirus Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Species</b>	Adenovirus, Virus
<b>Specificity/Sensitivity</b>	Hexon antigen of human adenovirus
<b>Immunogen</b>	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with Human adenovirus type 1 and canine adenovirus type 1.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunocytochemistry/ Immunofluorescence, Immunodiffusion, Immunohistochemistry, Sandwich ELISA, Lateral Flow Assay
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunodiffusion, Sandwich ELISA 1:100-1:2000, Lateral Flow Assay
<b>Application Notes</b>	Recommended pair for sandwich ELISA (capture-detection): NB600-413 - NB200-425. This antibody has been reported in the literature to work in Immunohistochemistry-Frozen sections (PMID: 19622582). Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 26861248). Use in Block/Neutralize reported in scientific literature (PMID:31848338). This antibody is CyTOF ready.

## Publications

He X, Yao W, Zhu JD et Al. Potent antitumor efficacy of human dental pulp stem cells armed with YSCH-01 oncolytic adenovirus J Transl Med 2023-10-05 [PMID: 37789452]

Boilesen DR, Neckermann P, Willert T et al. Efficacy and synergy with cisplatin of an adenovirus vectored therapeutic E1E2E6E7 vaccine against HPV genome positive C3 cancers in mice Cancer immunology research 2022-12-19 [PMID: 36534088]

Garofalo, M, Saari, H Et al. Antitumor effect of oncolytic virus and paclitaxel encapsulated in extracellular vesicles for lung cancer treatment. J Control Release 2018-08-10 [PMID: 29864473] (WB)

Hassan AO, Kafai NM, Dmitriev IP et al. A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2 Cell 2020-10-01 [PMID: 32931734]

Fusciello M, Fontana F, TAhtinen S, et al. Artificially cloaked viral nanovaccine for cancer immunotherapy Nat Commun 2019-12-17 [PMID: 31848338] (B/N, Mouse)

Ragonnaud E, Schroedel S, Mariya S et al. Replication deficient human adenovirus vector serotype 19a/64: Immunogenicity in mice and female cynomolgus macaques. Vaccine 2018-10-01 [PMID: 30190120] (Mouse, Cynomolgus Monkey)

Kuryk L, Moller AW, Vuolanto A et al. Optimization of Early Steps in Oncolytic Adenovirus ONCOS-401 Production in T-175 and HYPERFlasks Int J Mol Sci 2019-01-31 [PMID: 30709038] (ICC/IF, Human)

Garofalo M, Iovine B, Kuryk L et al. Oncolytic adenovirus loaded with L-carnosine as novel strategy to enhance the anti-tumor activity Mol. Cancer Ther. 2016-02-09 [PMID: 26861248] (ICC/IF, Virus)

Fernes MS, Gomes EM, Butcher LD et al. Growth Inhibition of Human Multiple Myeloma Cells by an Oncolytic Adenovirus Carrying the CD40 Lig Transgene. Clin Cancer Res;15(15):4847-4856. 2009-01-01 [PMID: 19622582]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB600-413**

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NBL1-09620	CXADR Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **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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