

# Product Datasheet

## CRISPR-Cas9 Antibody (7A9-3A3) [DyLight 405] NBP2-36440V

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



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

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-36440V](http://www.novusbio.com/NBP2-36440V)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-36440V](http://www.novusbio.com/reviews/destination/NBP2-36440V)



**NBP2-36440V**

CRISPR-Cas9 Antibody (7A9-3A3) [DyLight 405]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | 7A9-3A3   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | DyLight 405   |
| Purity              | Protein G purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |   |
|-------------------------|---|
| Host                    | Mouse   |
| Gene ID                 | 901176  |
| Species                 | Mouse, Bacteria, Bovine, Chicken, Fungi   |
| Specificity/Sensitivity | This CRISPR-Cas9 antibody (7A9-3A3) - N-Terminus is specific to Cas9 protein from <i>Streptococcus pyogenes</i> serotype M1.  |
| Immunogen               | This CRISPR-Cas9 antibody (7A9-3A3) - N-Terminus was raised against Recombinant Cas9 within the N-terminal region of <i>Streptococcus pyogenes</i> . [Uniprot: Q99ZW2]. |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Simple Western, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunohistochemistry Whole-Mount, Knockout Validated |
| Recommended Dilutions       | Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, Immunoblotting, Immunohistochemistry Whole-Mount, Knockout Validated |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |

**Publications**

Cappellesso F, Orban MP, Shirgaonkar N et al. Targeting the bicarbonate transporter SLC4A4 overcomes immunosuppression and immunotherapy resistance in pancreatic cancer *Nature cancer* 2022-12-01 [PMID: 36522548] (WB, Mouse)





### **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 NBP2-36440V**

---

|                   |   |
|-------------------|---|
| NBP1-43319V-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 405] |
| NBP2-36440        | CRISPR-Cas9 Antibody (7A9-3A3) - N-Terminus - BSA Free      |
| NBP2-52986        | CRISPR-Cas9 Antibody Pack                                   |

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-36440V](http://www.novusbio.com/reviews/submit/NBP2-36440V)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

