

Product Datasheet

Isocitrate Dehydrogenase 1/IDH1 Antibody (IDH1.R132H/8205R) [CoraFluor™ 1] NBP3-20990CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-20990CL1

Updated 10/22/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-20990CL1



NBP3-20990CL1

Isocitrate Dehydrogenase 1/IDH1 Antibody (IDH1.R132H/8205R) [CoraFluor™ 1]

| 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. Do not freeze. |
| Clonality | Monoclonal |
| Clone | IDH1.R132H/8205R |
| Preservative | No Preservative |
| Isotype | IgG Kappa |
| Conjugate | CoraFluor 1 |
| Purity | Protein A or G purified |
| Buffer | PBS |

| Product Description | |
|-------------------------|---|
| Description | CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. |
| Host | Rabbit |
| Gene ID | 3417 |
| Gene Symbol | IDH1 |
| Species | Human |
| Specificity/Sensitivity | Isocitrate Dehydrogenase 1/IDH1 R132H antibody binds to Isocitrate Dehydrogenase 1/IDH1-mutated protein, but does not bind the wild-type Isocitrate Dehydrogenase 1/IDH1 protein Isocitrate Dehydrogenase 1/IDH1 R132H antibody shows strong cytoplasmic staining and weaker nuclear staining in tumor cells with the R132H-mutated peptide Diffuse staining of the fibrillary tumor matrix is also seen |
| Immunogen | Recombinant fragment (around aa 1-200) of human Isocitrate Dehydrogenase 1/IDH1 (exact sequence is proprietary) |
| Notes | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 |

| Product Application Details | |
|-----------------------------|--|
| Applications | Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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 NBP3-20990CL1

| | |
|---------------|--|
| NBP1-87428PEP | Isocitrate Dehydrogenase 1/IDH1 Recombinant Protein Antigen |
| NBP3-39635 | Human Isocitrate Dehydrogenase 1/IDH1 ELISA Kit (Colorimetric) |
| NB120-13888 | DNMT3A Antibody (64B1446) - BSA Free |
| NB200-103 | p53 Antibody (PAb 240) - BSA Free |

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-20990CL1

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

