

Product Datasheet

GCH1 Antibody (2C4) - Azide and BSA Free H00002643-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002643-M02

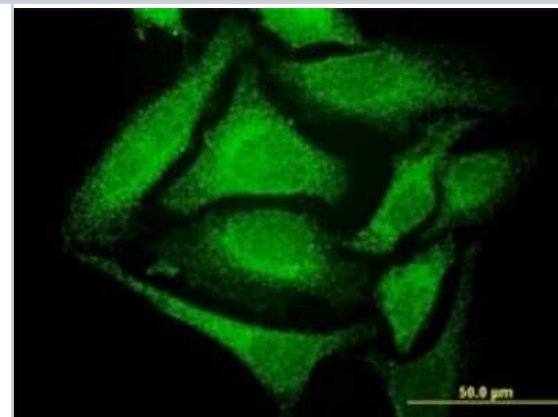
GCH1 Antibody (2C4) - Azide and BSA Free

| Product Information | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 2C4 |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Description | Quality control test: Antibody Reactive Against Recombinant Protein. |
| Host | Mouse |
| Gene ID | 2643 |
| Gene Symbol | GCH1 |
| Species | Human |
| Specificity/Sensitivity | GCH1 - GTP cyclohydrolase 1 (dopa-responsive dystonia) |
| Immunogen | GCH1 (AAH25415.1, 1 a.a. ~ 250 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEKGPVRAPAEKPRGARCSNGFPERDPPRPGPSRPAEKPPRPEAKSAQPAD GWKGERPRSEEDNELNLPNLAAAYSSILSSLGENPQRQGLLKTPWRAASAMQ FFTKGYQETISDVLNDAIFDEHDHDEMIVVKDIDMFMSCEHHLVPFVGKVHIGYLP NKQVLGLSKLARIVEIYSRRLQVQERLTKQIAVAITEALRPAGVGVVVEATHMC MVMRGVQKMNSKTVTSTMLGVFREDPKTREEFLTLIRS |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA |
| Recommended Dilutions | ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA |
| Application Notes | Antibody reactivity against recombinant protein on ELISA. GST alone used as a negative control. It has been used for IF. |

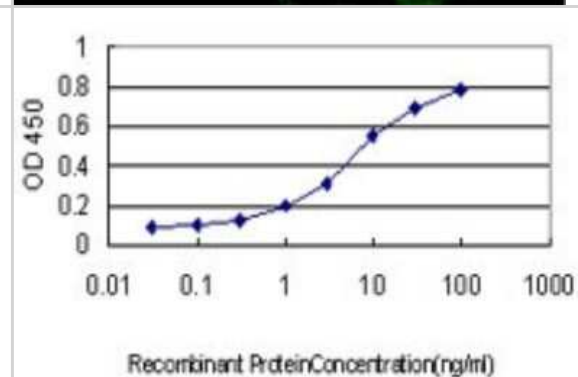


Images

Immunocytochemistry/Immunofluorescence: GCH1 Antibody (2C4) [H00002643-M02] - Analysis of monoclonal antibody to GCH1 on HeLa cell . Antibody concentration 10 ug/ml.



Sandwich ELISA: GCH1 Antibody (2C4) [H00002643-M02] - Detection limit for recombinant GST tagged GCH1 is approximately 0.1ng/ml as a capture antibody.





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 H00002643-M02

| | |
|--------------------|---------------------------------------------------------|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| H00002643-P01-10ug | Recombinant Human GCH1 GST (N-Term) Protein |

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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