

# Product Datasheet

## Catalase Antibody (HPYL/7170) [Alexa Fluor® 532] NBP3-14079AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14079AF532**

Catalase Antibody (HPYL/7170) [Alexa Fluor® 532]

| <b>Product Information</b>     |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml   |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                 | Store at 4C in the dark.   |
| <b>Clonality</b>               | Monoclonal   |
| <b>Clone</b>                   | HPYL/7170  |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG2b Kappa  |
| <b>Conjugate</b>               | Alexa Fluor 532  |
| <b>Purity</b>                  | Protein A or G purified  |
| <b>Buffer</b>                  | 50mM Sodium Borate   |
| <b>Product Description</b>     |  |
| <b>Host</b>                    | Mouse  |
| <b>Gene ID</b>                 | 847  |
| <b>Gene Symbol</b>             | CAT  |
| <b>Species</b>                 | H. pylori  |
| <b>Reactivity Notes</b>        | Helicobacter pylori  |
| <b>Specificity/Sensitivity</b> | The spiral shaped bacterium Helicobacter pylori is strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy. H. pylori is known to cause peptic ulcers and chronic gastritis in human. It is associated with duodenal ulcers and may be involved in development of adenocarcinoma and low-grade lymphoma of mucosa associated lymphoid tissue in the stomach. This antibody stains the individual H. pylori bacterium when it presents on the surface of the epithelium or in the cytoplasm of the epithelial cells in biopsy tissue sections from the antrum and body of the stomach. |
| <b>Immunogen</b>               | Recombinant Helicobacter pylori Catalase protein fragment (around aa323-445) (Exact sequence is proprietary)   |

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|--------------|--|
| <b>Notes</b> | <p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p> |
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| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Paraffin  |
| <b>Application Notes</b>           | 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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Products Related to NBP3-14079AF532**

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|                  |   |
|------------------|---|
| NBP1-43317AF532  | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 532] |
| NBP1-98907-100ug | Recombinant Human Catalase His Protein                                  |
| 210-TA-005       | TNF-alpha [Unconjugated]  |
| NBL1-08725       | Catalase Overexpression Lysate  |

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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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