

# Product Datasheet

## DNMT1 Antibody (60B1220.1) [Alexa Fluor™ Plus 680] NB100-56519AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56519AFP680**

DNMT1 Antibody (60B1220.1) [Alexa Fluor™ Plus 680]

| 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               | 60B1220.1   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | Alexa Fluor Plus 680  |
| Purity              | Protein G purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description |  |
|---------------------|--|
| Host                | Mouse  |
| Gene ID             | 1786   |
| Gene Symbol         | DNMT1  |
| Species             | Human, Mouse, Rat, Porcine, Bovine, Sheep  |
| Reactivity Notes    | Rat reactivity reported in scientific literature (PMID: 19924110). Porcine reactivity reported in scientific literature (PMID: 23808878). Sheep reactivity reported in scientific literature (PMID: 20413592). Bovine reactivity reported in scientific literature (PMID:27384909).  |
| Immunogen           | This antibody was raised against a synthetic peptide corresponding to amino acids 637-650 (EKDDREDKENAFKR) of human Dnmt1 (Genbank Accession No. NP_001370).   |
| Notes               | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.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. |

**Product Application Details**

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), CyTOF-ready, Immunohistochemistry Free-Floating, Knockdown Validated |
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), Immunohistochemistry Free-Floating, Chromatin Immunoprecipitation (ChIP), CyTOF-ready, Knockdown Validated |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NB100-56519AFP680**

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|                    |  |
|--------------------|--|
| H00001786-Q01-10ug | Recombinant Human DNMT1 GST (N-Term) Protein       |
| KA1515             | DNMT1 Activity/Inhibition Assay Kit (Colorimetric) |
| AF748              | E-Cadherin Antibody [Unconjugated]                 |
| NB120-13888        | DNMT3A Antibody (64B1446) - BSA Free               |

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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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