

# Product Datasheet

## p19ARF/CDKN2A Antibody (5-C3-1) [PE] NB200-174PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB200-174PE**

p19ARF/CDKN2A Antibody (5-C3-1) [PE]

| 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               | 5-C3-1                                                                                      |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2b                                                                                       |
| Conjugate           | PE                                                                                          |
| Purity              | Protein A purified                                                                          |
| Buffer              | PBS                                                                                         |

| Product Description |                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Rat                                                                                                                                                                |
| Gene ID             | 12578                                                                                                                                                              |
| Gene Symbol         | Cdkn2a                                                                                                                                                             |
| Species             | Human, Mouse, Golden Syrian Hamster (Negative)                                                                                                                     |
| Reactivity Notes    | Human reactivity reported in scientific literature (PMID: 27177758). The antibody does not react with Golden Syrian hamster. Armenian hamster has not been tested. |
| Immunogen           | A synthetic peptide containing amino acids 54-75 of the murine p19ARF/CDKN2A. [UniProt# Q64364]                                                                    |

| Product Application Details |                                                                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready, Knockout Validated |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), CyTOF-ready, Knockout Validated |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                             |

**Publications**

Santelli A, Sun I, Eirin A, Abumoawad A, Woollard J, Lerman A, Textor S, Puranik A, Lerman L Senescent Kidney Cells in Hypertensive Patients Release Urinary Extracellular Vesicles. J Am Heart Assoc, 2019-06-01;8(11):e012584. 2019-06-01 [PMID: 31433703]





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### **Products Related to NB200-174PE**

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|              |                                              |
|--------------|----------------------------------------------|
| NB200-174H   | p19ARF/CDKN2A Antibody (5-C3-1) [HRP]        |
| NB200-106PEP | p19ARF/CDKN2A Antibody Blocking Peptide      |
| NBP3-38956   | Mouse p19ARF/CDKN2A ELISA Kit (Colorimetric) |
| NB200-103    | p53 Antibody (PAb 240) - 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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