

# Product Datasheet

## **NHE3/SLC9A3 [p Ser552] Antibody (14D5) [Janelia Fluor® 525] NB110-81529JF525**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB110-81529JF525**

NHE3/SLC9A3 [p Ser552] Antibody (14D5) [Janelia Fluor® 525]

| 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                       | 14D5                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                              |
| Isotype                     | IgG2a                                                                                                                                                                           |
| Conjugate                   | Janelia Fluor 525                                                                                                                                                               |
| Purity                      | Protein G purified                                                                                                                                                              |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                 |
| Host                        | Mouse                                                                                                                                                                           |
| Gene ID                     | 6550                                                                                                                                                                            |
| Gene Symbol                 | SLC9A3                                                                                                                                                                          |
| Species                     | Human, Mouse, Rat, Porcine, Opossum, Primate, Rabbit                                                                                                                            |
| Reactivity Notes            | Porcine reactivity reported in scientific literature (PMID: 29510506).                                                                                                          |
| Specificity/Sensitivity     | This antibody detects NHE3 phosphorylated at Serine 552, and does not cross-react with the non-phosphopeptide.                                                                  |
| Immunogen                   | Synthetic peptide made to a region surrounding the Serine 552 portion of rat NHE3. [UniProt# P26433]                                                                            |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                           |
| Product Application Details |                                                                                                                                                                                 |
| Applications                | Western Blot, Simple Western, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockdown Validated, Knockout Validated |
| Recommended Dilutions       | Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Knockout Validated, Knockdown Validated |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                          |





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### **Products Related to NB110-81529JF525**

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|               |                                                  |
|---------------|--------------------------------------------------|
| NBP3-00589PEP | NHE3/SLC9A3 Antibody Blocking Peptide            |
| NBP1-82574PEP | NHE3/SLC9A3 Recombinant Protein Antigen          |
| MAB25031      | CFTR Antibody (24-1) [Unconjugated] - C-terminus |
| AF1180        | DPPIV/CD26 Antibody [Unconjugated]               |

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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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