

# Product Datasheet

## **PHD4/HIF Prolyl Hydroxylase 4 Antibody [mFluor Violet 610 SE] NB100-295MFV610**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-295MFV610**

PHD4/HIF Prolyl Hydroxylase 4 Antibody [mFluor Violet 610 SE]

| 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                   | Polyclonal                                                                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                    |
| Isotype                     | IgG                                                                                                                                                                                                                                   |
| Conjugate                   | mFluor Violet 610 SE                                                                                                                                                                                                                  |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                           |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                       |
| Host                        | Rabbit                                                                                                                                                                                                                                |
| Gene ID                     | 54681                                                                                                                                                                                                                                 |
| Gene Symbol                 | P4HTM                                                                                                                                                                                                                                 |
| Species                     | Human, Rat, Mouse (Negative)                                                                                                                                                                                                          |
| Reactivity Notes            | Does not appear to work in Mouse. Rat reactivity reported in scientific literature (PMID: 17003483)                                                                                                                                   |
| Immunogen                   | The epitope recognized by this antibody maps to a region between residue 450 and the C-terminus (residue 502) of human PHD4/HIF Prolyl Hydroxylase 4 using the numbering given in entry NP_808808.1 (GeneID 54681).                   |
| Notes                       | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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 |                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Electron Microscopy, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                       |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Electron Microscopy                                                                                                       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                |





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### **Products Related to NB100-295MFV610**

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| NBP2-24891MFV610   | Rabbit IgG Isotype Control [mFluor Violet 610 SE]                    |
| H00054681-P01-10ug | Recombinant Human PHD4/HIF Prolyl Hydroxylase 4 GST (N-Term) Protein |
| MEP00B             | Erythropoietin/EPO [HRP]                                             |
| NBL1-14344         | PHD4/HIF Prolyl Hydroxylase 4 Overexpression Lysate                  |

### **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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