

# Product Datasheet

## **PCDHGA1 Antibody (S159-5) [mFluor Violet 610 SE] - Pan Specific**

### **NBP2-42207MFV610**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-42207MFV610**

PCDHGA1 Antibody (S159-5) [mFluor Violet 610 SE] - Pan Specific

| 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                       | S159-5                                                                                                                                                                                                                                                                                                                               |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                   |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                   | mFluor Violet 610 SE                                                                                                                                                                                                                                                                                                                 |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                                                                                                      |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                |
| Gene ID                     | 56114                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol                 | PCDHGA1                                                                                                                                                                                                                                                                                                                              |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                    |
| Reactivity Notes            | Immunogen displays sequence identity for non-tested species: Rat.                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity     | Detects approx 100kDa. Cross-reacts with all Gamma-protocadherin-A, -B and -C proteins.                                                                                                                                                                                                                                              |
| Immunogen                   | Fusion protein corresponding to amino acids 808-931 (C-terminal cytoplasmic constant domain) of mouse Protocadherin-gamma-A1 that is shared by all 22 Gamma-protocadherins (A subfamily amino acids ~807-930, B subfamily amino acids ~789-912 and C subfamily amino acids ~818-941). 99% identity with human (123/124 amino acids). |
| 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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                               |





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### **Products Related to NBP2-42207MFV610**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| NBP1-97005MFV610 | Mouse IgG1 Isotype Control (MG1) [mFluor Violet 610 SE] |
| NBP1-80940PEP    | PCDHGA1 Recombinant Protein Antigen                     |
| NBL1-14164       | PCDHGA1 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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