

# Product Datasheet

## MS4A4A Antibody (5C12) [DyLight 488] NBP3-12043G

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-12043G**

MS4A4A Antibody (5C12) [DyLight 488]

| 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                       | 5C12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                     | IgG Lambda                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                   | DyLight 488                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene ID                     | 51338                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | MS4A4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity     | This antibody is specific for human extracellular MS4A4A. MS4A (membrane-spanning 4-domain family, subfamily A) is a large family of proteins that includes at least 26 members in mouse and humans. Flanked by amino- and carboxyl-cytoplasmic regions, MS4A family members contain four highly conserved transmembrane domains connected by short extracellular and cytoplasmic loops. MS4A4A is likely to be a component of oligomeric cell surface complexes involved in signal transduction in diverse cell lineages. |
| Immunogen                   | This antibody was generated by immunizing C57BL/6 mice against mouse cell line 300-19 expressing transfected human membrane-spanning 4-domains subfamily A member 4A (MS4A4A)-GFP.                                                                                                                                                                                                                                                                                                                                         |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Recommended Dilutions       | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |





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### **Products Related to NBP3-12043G**

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|               |                                    |
|---------------|------------------------------------|
| NBP1-86542PEP | MS4A4A Recombinant Protein Antigen |
| 7268-CT-100   | CTLA-4 [Unconjugated]              |
| NBL1-13318    | MS4A4A Overexpression Lysate       |
| NBP2-22203    | ERK1 Antibody (1E5)                |

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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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