

# Product Datasheet

## Carbonic Anhydrase IX/CA9 Antibody (2D3) [mFluor Violet 450 SE] NBP1-51691MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-51691MFV450**

Carbonic Anhydrase IX/CA9 Antibody (2D3) [mFluor Violet 450 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                   | Monoclonal  |
| Clone                       | 2D3   |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG1  |
| Conjugate                   | mFluor Violet 450 SE  |
| Purity                      | Protein A or G purified   |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Host                        | Mouse   |
| Gene ID                     | 768   |
| Gene Symbol                 | CA9   |
| Species                     | Human, Mouse  |
| Reactivity Notes            | Mouse reactivity reported in scientific literature (PMID: 33153038).  |
| Immunogen                   | This Carbonic Anhydrase IX/CA9 Antibody (2D3) was made to a purified recombinant fragment of human Carbonic Anhydrase IX expressed in E. coli [UniProt# Q16790].  |
| 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, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |

## Images

Carbonic Anhydrase IX/CA9 Antibody (2D3) [mFluor Violet 450 SE] [NBP1-51691MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.



mFluor™ Violet 450

| LASER (nm)   | FILTER |
|--------------|--------|
| Violet (405) | 450/45 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 406                 | 445               |



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### **Products Related to NBP1-51691MFV450**

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|              |   |
|--------------|---|
| NB100-417PEP | Carbonic Anhydrase IX/CA9 Antibody Blocking Peptide |
| 210-TA-005   | TNF-alpha [Unconjugated]                            |
| DCA900       | Carbonic Anhydrase IX/CA9 [HRP]                     |
| NB100-105    | HIF-1 alpha Antibody (H1alpha67)                    |

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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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