

# Product Datasheet

## CD28 Antibody (D665) [mFluor Violet 450 SE] NBP2-81054MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-81054MFV450**

CD28 Antibody (D665) [mFluor Violet 450 SE]

**Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 ml                                                                                      |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C in the dark.                                                                    |
| <b>Clonality</b>     | Monoclonal                                                                                  |
| <b>Clone</b>         | D665                                                                                        |
| <b>Preservative</b>  | 0.05% Sodium Azide                                                                          |
| <b>Isotype</b>       | IgG Kappa                                                                                   |
| <b>Conjugate</b>     | mFluor Violet 450 SE                                                                        |
| <b>Purity</b>        | Protein A purified                                                                          |
| <b>Buffer</b>        | 50mM Sodium Borate                                                                          |

**Product Description**

|                                |                                                                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                    | Rabbit                                                                                                                                         |
| <b>Gene ID</b>                 | 940                                                                                                                                            |
| <b>Gene Symbol</b>             | CD28                                                                                                                                           |
| <b>Species</b>                 | Mouse                                                                                                                                          |
| <b>Specificity/Sensitivity</b> | This antibody binds to the laterally exposed C'D loop of CD28 and induces T cell proliferation without TCR ligation.                           |
| <b>Immunogen</b>               | The original D665 antibody was generated by immunizing mice alternately with A20 cells expressing mCD28 i.p. and with recombinant mCD28lg s.c. |

**Product Application Details**

|                              |                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Functional, Immunohistochemistry, Block/Neutralize, Surface Plasmon Resonance |
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, Immunohistochemistry, Functional, Surface Plasmon Resonance, Block/Neutralize |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.                                      |

**Images**

CD28 Antibody (D665) [mFluor Violet 450 SE] [NBP2-81054MFV450] - 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.





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### **Products Related to NBP2-81054MFV450**

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|               |                                     |
|---------------|-------------------------------------|
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP] |
| NBP2-57015PEP | CD28 Recombinant Protein Antigen    |
| 210-TA-005    | TNF-alpha [Unconjugated]            |
| 483-CD-200    | CD28 [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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