

# Product Datasheet

## CD53 Antibody (161-2 (53/2)) [mFluor Violet 610 SE] NBP3-12076MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-12076MFV610**

CD53 Antibody (161-2 (53/2)) [mFluor Violet 610 SE]

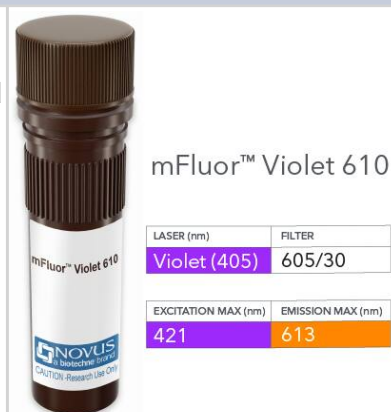
| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | 161-2 (53/2)                                                                                |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a Kappa                                                                                 |
| Conjugate           | mFluor Violet 610 SE                                                                        |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                    |
| Gene ID                 | 963                                                                                                                                                                                                                                                      |
| Gene Symbol             | CD53                                                                                                                                                                                                                                                     |
| Species                 | Human                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity | This antibody recognizes human CD53. It does not react with the baboon and horse antigen. Cd53 is a member of tetraspanin family and is involved in cellular activation as part of a signal transduction complex involving other membrane glycoproteins. |
| Immunogen               | This antibody was raised by immunizing mice with stimulated human leukocytes.                                                                                                                                                                            |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence                |
| Recommended Dilutions       | Flow Cytometry, Immunocytochemistry/ Immunofluorescence                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |

**Images**

CD53 Antibody (161-2 (53/2)) [mFluor Violet 610 SE] [NBP3-12076MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.





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### **Products Related to NBP3-12076MFV610**

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|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| NBP1-96981MFV610 | Mouse IgG2a Kappa Isotype Control (M2AK) [mFluor Violet 610 SE] |
| NBP2-14464PEP    | CD53 Recombinant Protein Antigen                                |
| 210-TA-005       | TNF-alpha [Unconjugated]                                        |
| H00000963-T01    | CD53 293T Cell Transient Overexpression Lysate                  |

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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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