

# Product Datasheet

## Cytochrome c Antibody (7H8.2C12) [mFluor Violet 610 SE] NB100-56503MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56503MFV610**

Cytochrome c Antibody (7H8.2C12) [mFluor Violet 610 SE]

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <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>                       | 7H8.2C12  |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG2b Kappa   |
| <b>Conjugate</b>                   | mFluor Violet 610 SE  |
| <b>Purity</b>                      | Protein G purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 54205   |
| <b>Gene Symbol</b>                 | CYCS  |
| <b>Species</b>                     | Human, Mouse, Rat, Drosophila, Rabbit   |
| <b>Specificity/Sensitivity</b>     | This antibody recognizes total cytochrome C which includes both apocytochrome (i.e. cytochrome in the cytosol without heme attached) and holocytochrome (i.e. cytochrome in the mitochondria with heme attached).   |
| <b>Immunogen</b>                   | Synthetic peptides corresponding to amino acids 1-80, 81-104 and 66-104 of pigeon CYT were used as the immunogen (Jemmerson et al. 1991). The antibody recognizes an epitope within amino acids 93-104 of pigeon cytochrome C based on competitive ELISA results (Jemmerson et al. 1991). |
| <b>Notes</b>                       | 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.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoblotting, Flow (Cell Surface), Flow (Intracellular)   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |

## Images

Cytochrome c Antibody (7H8.2C12) [mFluor Violet 610 SE] [NB100-56503MFV610] - 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.



mFluor™ Violet 610

| LASER (nm)   | FILTER |
|--------------|--------|
| Violet (405) | 605/30 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 421                 | 613               |



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### Products Related to NB100-56503MFV610

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|                  |   |
|------------------|---|
| NBP1-43317MFV610 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [mFluor Violet 610 SE] |
| 210-TA-005       | TNF-alpha [Unconjugated]  |
| MCTC0            | Cytochrome c [HRP]  |
| AF835            | Caspase-3 Antibody [Unconjugated] - Active                                  |

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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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