

# Product Datasheet

## Cathepsin B Antibody [mFluor Violet 610 SE] AF953MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF953MFV610**

Cathepsin B Antibody [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                   | Polyclonal                                                                                                                                                                                                                                                                                      |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                              |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                             |
| Conjugate                   | mFluor Violet 610 SE                                                                                                                                                                                                                                                                            |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                       |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                                                                 |
| Host                        | Goat                                                                                                                                                                                                                                                                                            |
| Gene ID                     | 1508                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | CTSB                                                                                                                                                                                                                                                                                            |
| Species                     | Human                                                                                                                                                                                                                                                                                           |
| Specificity/Sensitivity     | Detects human Cathepsin B in direct ELISAs and Western blots. In direct ELISAs, approximately 35% cross-reactivity with recombinant mouse (rm) Cathepsin B is observed and less than 5% cross-reactivity with recombinant human (rh) Cathepsin C, rmCathepsin H, and rhCathepsin L is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Cathepsin B Arg18-Ile339 Accession # P07858                                                                                                                                                                                               |
| 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, Immunohistochemistry, Immunoprecipitation, Immunocytochemistry, Knockout Validated                                                                                                                                                                                                |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunoprecipitation, Immunocytochemistry, Knockout Validated                                                                                                                                                                                                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                          |





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### **Products Related to AF953MFV610**

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|                   |                                                 |
|-------------------|-------------------------------------------------|
| NB410-28088MFV610 | Goat IgG Isotype Control [mFluor Violet 610 SE] |
| NBP1-19797PEP     | Cathepsin B Antibody Blocking Peptide           |
| 210-TA-005        | TNF-alpha [Unconjugated]                        |
| 953-CY-010        | Cathepsin B [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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