

# Product Datasheet

## Cathepsin A/Lysosomal Carboxypeptidase A Antibody (179803) [mFluor Violet 610 SE] FAB1049MFV610

Unit Size: 0.5 ml

Store at 4C in the dark.

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**FAB1049MFV610**

Cathepsin A/Lysosomal Carboxypeptidase A Antibody (179803) [mFluor Violet 610 SE]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.5 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                       | 179803                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugate                   | mFluor Violet 610 SE                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                         |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 5476                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Symbol                 | CTSA                                                                                                                                                                                                                                                                                                                                                                                                               |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | Detects human Cathepsin A/Lysosomal Carboxypeptidase A in direct ELISAs and Western blots. In Western blots, detects the single chain (55 kDa) and heavy chain (32 kDa) forms of recombinant human (rh) Cathepsin A. In Western blots, less than 5% cross-reactivity with rhCathepsin B, C, D, E, L, O, S, X and Z is observed and no cross-reactivity with the light chain (20 kDa) of rhCathepsin A is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Cathepsin A/Lysosomal Carboxypeptidase A<br>Ala29-Tyr480 (predicted)<br>Accession # P10619                                                                                                                                                                                                                                                                   |
| 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, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                             |



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**Products Related to FAB1049MFV610**

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| NBP2-52322-0.05mg | Recombinant Mouse Cathepsin A/Lysosomal Carboxypeptidase A His Protein |
| 7268-CT-100       | CTLA-4 [Unconjugated]                                                  |
| 1049-SE-010       | Cathepsin A/Lysosomal Carboxypeptidase A [Unconjugated]                |
| AF965             | Cathepsin B Antibody [Unconjugated]                                    |

**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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