

# Product Datasheet

## Cathepsin E Antibody (212211) [mFluor Violet 610 SE] FAB1294MFV610

Unit Size: 0.5 ml

Store at 4C in the dark.

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Updated 7/14/2025 v.20.1

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**FAB1294MFV610**

Cathepsin E Antibody (212211) [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                       | 212211                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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                     | 1510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | CTSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity/Sensitivity     | Detects human Cathepsin E in direct ELISAs and Western blots. It recognizes both the pro and mature forms of recombinant human (rh) Cathepsin E. In Western blots, 100% cross-reactivity with recombinant mouse (rm) Cathepsin E and recombinant human (rh) BACE is observed under reducing conditions. Under non-reducing conditions, less than 1% cross-reactivity with rmCathepsin E and rhBACE-1 is observed. Less than 1% cross-reactivity with rhCathepsin D is observed under both reducing and non-reducing conditions. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Cathepsin E<br>Gln18-Pro396<br>Accession # NP_001901                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 FAB1294MFV610**

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|               |                                                  |
|---------------|--------------------------------------------------|
| NBP2-33868PEP | Cathepsin E Recombinant Protein Antigen          |
| DY417-05      | IL-10 [Biotin]                                   |
| 1294-AS-010   | Cathepsin E                                      |
| MAB1455       | Albumin Antibody (188835) [Unconjugated] - Serum |

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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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