

# Product Datasheet

## Cathepsin A/Lysosomal Carboxypeptidase A Antibody (191430) [PE] FAB1123P

Unit Size: 0.5 ml

Store at 4C in the dark.

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**FAB1123P****Cathepsin A/Lysosomal Carboxypeptidase A Antibody (191430) [PE]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.5 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>                       | 191430                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>                     | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Conjugate</b>                   | PE                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Host</b>                        | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene ID</b>                     | 5476                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Symbol</b>                 | CTSA                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Specificity/Sensitivity</b>     | Detects mouse Cathepsin A/Lysosomal Carboxypeptidase A in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human Cathepsin A or recombinant mouse (rm) DPPIV/CD26 is observed. In Western blots, it recognizes the single chain (55 kDa) form of rmCathepsin A, which can be processed into heavy (32 kDa) and light (20 kDa) chains. It recognizes the heavy chain, but not the light chain. |
| <b>Immunogen</b>                   | Mouse myeloma cell line NS0-derived recombinant mouse Cathepsin A/Lysosomal Carboxypeptidase A<br>Ala24-Tyr474 (predicted)<br>Accession # P16675                                                                                                                                                                                                                                                                                                       |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | Western Blot, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Recommended Dilutions</b>       | Western Blot, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                 |

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**Products Related to FAB1123P**

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|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| 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]                                    |

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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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