

Datasheet for ABIN7177105  
**anti-CMA1 antibody (AA 22-246)**



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## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µg                              |
| Target:              | CMA1                                |
| Binding Specificity: | AA 22-246                           |
| Reactivity:          | Mouse                               |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This CMA1 antibody is un-conjugated |
| Application:         | ELISA                               |

## Product Details

|                   |                                              |
|-------------------|----------------------------------------------|
| Immunogen:        | Recombinant Mouse Chymase protein (22-246AA) |
| Isotype:          | IgG                                          |
| Cross-Reactivity: | Mouse                                        |
| Purification:     | >95%, Protein G purified                     |

## Target Details

|                   |                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CMA1                                                                                                                                                                          |
| Alternative Name: | Cma1 ( <a href="#">CMA1 Products</a> )                                                                                                                                        |
| Background:       | Background: Major secreted protease of mast cells with suspected roles in vasoactive peptide generation, extracellular matrix degradation, and regulation of gland secretion. |

## Target Details

|           |                                                                                                                                                                                                            |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Aliases: Cma1 antibody, Mcpt5Chymase antibody, EC 3.4.21.39 antibody, Alpha-chymase antibody, Mast cell chymase 1 antibody, Mast cell protease 5 antibody, mMCP-5 antibody, Mast cell protease I antibody  |
| UniProt:  | <a href="#">P21844</a>                                                                                                                                                                                     |
| Pathways: | <a href="#">ACE Inhibitor Pathway</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">Carbohydrate Homeostasis</a> |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                            |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4                                |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C                                                                                                     |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                     |