

## Datasheet for ABIN7637553 **anti-CTX-I antibody**



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### Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | CTX-I                                                                                                     |
| Reactivity:  | Human                                                                                                     |
| Host:        | Mouse                                                                                                     |
| Clonality:   | Monoclonal                                                                                                |
| Conjugate:   | This CTX-I antibody is un-conjugated                                                                      |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC),<br>Immunoprecipitation (IP) |

### Product Details

|               |                                                                                                                                                                               |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to Cross Linked C-Telopeptide Of Type I Collagen (CTXI)                                                                                                   |
| Clone:        | A4                                                                                                                                                                            |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against CTXI. It has been selected for its ability to recognize CTXI in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography                                                                                                                                 |

### Target Details

|                   |                                         |
|-------------------|-----------------------------------------|
| Target:           | CTX-I                                   |
| Alternative Name: | CTXI ( <a href="#">CTX-I Products</a> ) |
| Background:       | CTX-I, CTX1,                            |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                         |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 1 mg/mL                                                                                                                                                         |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin                                                                                                                                                         |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |