

Product datasheet

Anti-Cystatin SA/CST2 antibody [MM0233- 5M60] ab89302

[2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-Cystatin SA/CST2 antibody [MM0233- 5M60] |
| Description | Mouse monoclonal [MM0233- 5M60] to Cystatin SA/CST2 |
| Host species | Mouse |
| Tested applications | Suitable for: IHC-P, WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant full length protein corresponding to Human Cystatin SA/CST2. |
| Positive control | WB: Human placenta tissue lysate. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Constituent: PBS |
| Purity | Protein G purified |
| Purification notes | The IgG fraction of culture supernatant was purified by Protein G affinity chromatography. |
| Clonality | Monoclonal |
| Clone number | MM0233- 5M60 |
| Isotype | IgG2 |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab89302 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| IHC-P | | Use at an assay dependent concentration. |
| WB | | 1/500 - 1/1000. Predicted molecular weight: 16 kDa. |

Target

Function

Thiol protease inhibitor.

Tissue specificity

Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level).
Expressed in submandibular gland and parotid gland.

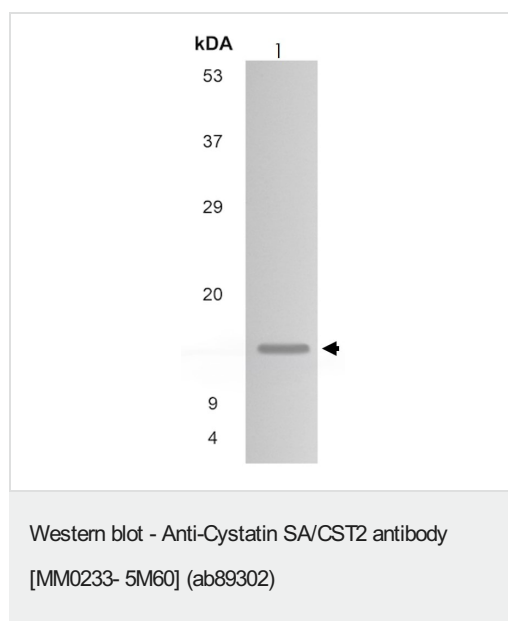
Sequence similarities

Belongs to the cystatin family.

Cellular localization

Secreted.

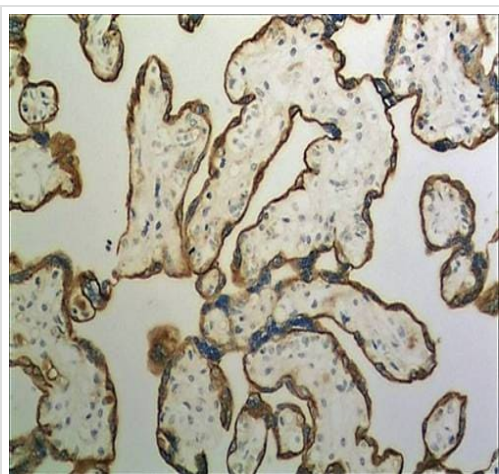
Images



Anti-Cystatin SA/CST2 antibody [MM0233- 5M60] (ab89302) at
1/500 dilution + Human placenta tissue lysate

Predicted band size: 16 kDa

Observed band size: 15 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cystatin SA/CST2 antibody [MM0233- 5M60] (ab89302)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human placental tissue section (4 μ m) labelling Cystatin SA/CST2 with ab89302. Tissue was treated with 15 μ g/ml Protense K for antigen retrieval and fixed with 4% PFA. A HRP-conjugated anti-mouse IgG was used as the secondary antibody (30 minutes at room temperature) followed by DAB color development.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
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