



Datasheet for ABIN514786

anti-Cathepsin K antibody (AA 220-329)



[Go to Product page](#)

4 Images

1 Publication

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | Cathepsin K (CTSK) |
| Binding Specificity: | AA 220-329 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Cathepsin K antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-------------------|---|
| Purpose: | Mouse monoclonal antibody raised against a partial recombinant CTSK. |
| Immunogen: | CTSK (AAH16058, 220 a.a. ~ 329 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence: | KCRGYREIPE GNEKALKRAV ARVGPVSVAI DASLTSFQFY SKGVYYDESC NSDNLNHAVL AVGYGIQKGN KHWIIKNSWG ENWGNKGYIL MARNKNNACG IANLASFPKM |
| Clone: | 2F1 |
| Isotype: | IgG2a kappa |
| Cross-Reactivity: | Human |

Target Details

| | |
|-------------------|---|
| Target: | Cathepsin K (CTSK) |
| Alternative Name: | CTSK (CTSK Products) |
| Background: | Full Gene Name: cathepsin K Synonyms: CTS02,CTS0,CTS01,CTS02,MGC23107,PKND,PYCD |
| Gene ID: | 1513 |
| Pathways: | Activation of Innate immune Response , Toll-Like Receptors Cascades |

Application Details

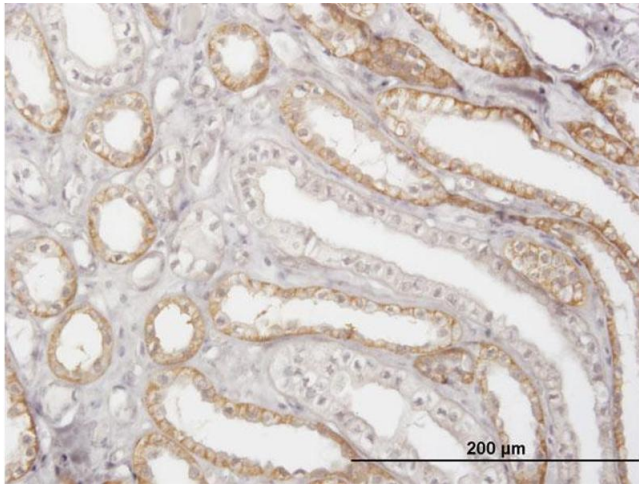
| | |
|--------------------|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Product Quality tested by: Antibody Reactive Against Recombinant Protein. |
| Restrictions: | For Research Use only |

Handling

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|------------------|--|
| Buffer: | In 1x PBS, pH 7.4 |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

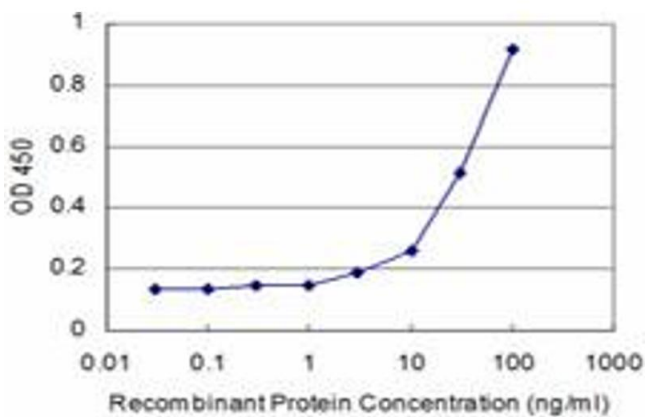
Publications

| | |
|-------------------|---|
| Product cited in: | Falcone, Filippis, Granzotto, Mallamaci: "Emx2 expression levels in NSCs modulate astrogenesis rates by regulating EgfR and Fgf9." in: Glia , Vol. 63, Issue 3, pp. 412-22, (2015) (PubMed). |
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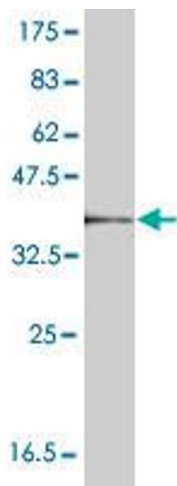
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to CTSK on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 μ g/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged CTSK is approximately 3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.95 KDa) .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN514786.