

Anti-CTSC / Cathepsin C / JP Antibody
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17822**Specification**

Anti-CTSC / Cathepsin C / JP Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P53634
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	51854

Anti-CTSC / Cathepsin C / JP Antibody - Additional Information**Gene ID** 1075**Alias Symbol** CTSC**Other Names**

CTSC, Cathepsin J, Dipeptidyl peptidase 1, Dipeptidyl peptidase I, DPP-I, Dipeptidyl transferase, Dipeptidyl-peptidase I, CPPI, DPPI, DPP1, HMS, JP, PDON1, PLS, JPD, Cathepsin C, PALS

Target/Specificity

Anti-DPPI recognizes recombinant protein DPPI.

Reconstitution & Storage

Affinity purified

Precautions

Anti-CTSC / Cathepsin C / JP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CTSC / Cathepsin C / JP Antibody - Protein Information**Name** CTSC**Synonyms** CPPI**Function**

Thiol protease (PubMed:1586157). Has dipeptidylpeptidase activity (PubMed:1586157). Active against a broad range of dipeptide substrates composed of both polar and hydrophobic amino acids (PubMed:1586157). Proline cannot occupy the P1 position and arginine cannot occupy the P2 position of the substrate (PubMed:1586157). Can act as both an exopeptidase and endopeptidase (PubMed:1586157).

[1586157](http://www.uniprot.org/citations/1586157)). Activates serine proteases such as elastase, cathepsin G and granzymes A and B (PubMed: [8428921](http://www.uniprot.org/citations/8428921)).

Cellular Location

Lysosome.

Tissue Location

Ubiquitous. Highly expressed in lung, kidney and placenta. Detected at intermediate levels in colon, small intestine, spleen and pancreas.

Anti-CTSC / Cathepsin C / JP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CTSC / Cathepsin C / JP Antibody - Images