

Anti-CTSC / Cathepsin C / JP Antibody

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17822

Product Information

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

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.

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). Activates serine proteases such as elastase, cathepsin G and granzymes A and B (PubMed: 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.