

Anti-CTSS / Cathepsin S Antibody

Mouse Anti Mouse Monoclonal Antibody

Catalog # ALS17729

Product Information

Application	IHC-P, E
Primary Accession	P25774
Predicted	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	37496
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	1520
Alias Symbol	CTSS
Other Names	CTSS, Cathepsin S, Cat-s, CATS
Target/Specificity	Recognizes mouse Cathepsin S.
Reconstitution & Storage	Protein G purified
Precautions	Anti-CTSS / Cathepsin S Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CTSS
Function	Thiol protease (PubMed: 30612035). Key protease responsible for the removal of the invariant chain from MHC class II molecules and MHC class II antigen presentation (PubMed: 30612035). The bond- specificity of this proteinase is in part similar to the specificities of cathepsin L (PubMed: 30612035). Elicits itch by mediating cleavage and activation of MRGPRX1 (By similarity).
Cellular Location	Lysosome. Secreted. Cytoplasmic vesicle, phagosome

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