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Anti-Cathepsin S CTSS Monoclonal Antibody

Catalog # ABO14697

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P25774
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Cathepsin S CTSS Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.

Additional Information

Gene ID	1520
Other Names	Cathepsin S, 3.4.22.27, CTSS
Calculated MW	37496
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AFAA-3
Immunogen	A synthesized peptide derived from human Cathepsin S
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

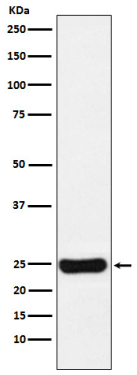
Protein Information

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

Images



Western blot analysis of Cathepsin S expression in U87-MG cell lysate.

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