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**Product Name: Cathepsin S (16H3) Rabbit Monoclonal Antibody****Catalog #: AMRe08015**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:50-1:200
<b>Molecular Weight</b>	38kDa

**Antigen Information**

<b>Gene Name</b>	CTSS
<b>Alternative Names</b>	CTSS; Cathepsin S; Cat-s; CATS;
<b>Gene ID</b>	1520.0
<b>SwissProt ID</b>	P25774
<b>Immunogen</b>	A synthetic peptide of human Cathepsin S

**Background**

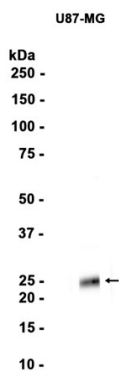
Thiol protease. Key protease responsible for the removal of the invariant chain from MHC class II molecules. The bond-specificity of this proteinase is in part similar to the specificities of cathepsin L and cathepsin N. Thiol protease. Key protease

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.

## Research Area

Immunology; Adaptive Immunity; MHC; Class II; Tags & Cell Markers; Subcellular Markers; Organelles; Lysosome; Cell Type Markers; Non-CD; APC; Cell Biology; Proteolysis / Ubiquitin; Proteolytic enzymes; Cysteine protease; Cathepsins; Neuroscience

## Image Data



Western blot analysis of extracts from U87-MG cells using Cathepsin S (16H3) Rabbit Monoclonal Antibody at 1:1000.