

# Summary

Production Name	Cathepsin S (16H3) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human

#### Performance

Conjugation	Unconjugated
Modification	Unmodified
lsotype	lgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

### Immunogen

Gene Name	CTSS
Alternative Names	CTSS; Cathepsin S; Cat-s; CATS;
Gene ID	1520.0
SwissProt ID	P25774.A synthetic peptide of human Cathepsin S

## Application

Dilution Ratio	WB: 1:1000
Molecular Weight	38kDa

## Background



Thiol protease. Key protease responsible for the removal of the invariant chain from MHC class II molecules. The bondspecificity 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:<a href="http://www.uniprot.org/citations/30612035" target="\_blank">30612035</a>). The bondspecificity of this proteinase is in part similar to the specificities of cathepsin L.

## **Research Area**

## **Image Data**

		U87-MG
kDa 250	_	
150	-	
100	-	
75	-	
50	-	
37	-	
25	-	
20	-	
15	-	
10	-	

Western blot analysis of extracts from U87-MG cells using RM5879 at 1:1000.

#### Note

For research use only.