

CTSS Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7382c**Specification**

CTSS Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P25774](#)**CTSS Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 1520**Other Names**
Cathepsin S, CTSS**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CTSS Antibody (Center) Blocking Peptide - Protein Information**Name** CTSS**Function**

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.

Cellular Location

Lysosome. Secreted. Cytoplasmic vesicle, phagosome

CTSS Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CTSS Antibody (Center) Blocking Peptide - Images**CTSS Antibody (Center) Blocking Peptide - Background**

The protein CTSS, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may participate in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. The protein can function as an elastase over a broad pH range in alveolar macrophages.

CTSS Antibody (Center) Blocking Peptide - References

Lindahl,C., Cancer Genomics Proteomics 6 (3), 149-159 (2009) Bunatova,K., Int. J. Biol. Markers 24 (1), 47-51 (2009)