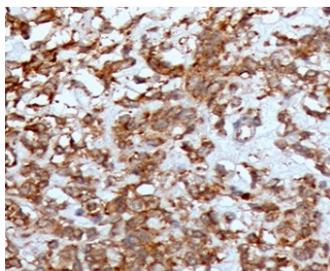


## CTSK Antibody / Cathepsin K [clone CTO2-1] (V7979)

Catalog No.	Formulation	Size
V7979-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7979-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7979SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	CTO2-1
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P43235
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This CTSK antibody is available for research use only.



IHC staining of FFPE human liver with CTSK antibody (clone CTO2-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

### Description

Closely involved in osteoclastic bone resorption and may participate partially in the disorder of bone remodeling. Displays potent endoprotease activity against fibrinogen at acid pH. May play an important role in extracellular matrix degradation. [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the CTSK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Amino acids 163-274 were used as the immunogen for the CTSK antibody.

## Storage

Store the CTSK antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).