

## Anti-CTSZ Monoclonal Antibody (B-13F10)

Catalog #: ASZ1C510

### Product Details

<b>Product Description:</b>	The Anti-CTSZ antibody is a mouse monoclonal antibody recommended for immunohistochemistry, immunocytochemistry, western blot, immunoprecipitation and other applications. This antibody specifically targets human CTSZ.
<b>Host Species:</b>	Mouse
<b>Target:</b>	CTSZ
<b>Target Species:</b>	Human
<b>Specificity:</b>	This antibody reacts with human Cathepsin Z (CTSZ).
<b>Species Reactivity:</b>	Human
<b>Clonality:</b>	Monoclonal
<b>Clone ID:</b>	B-13F10
<b>Purification:</b>	The antibody was purified by affinity chromatography.
<b>Purity:</b>	>95% as determined by SDS-PAGE

### Formulation Information

<b>Concentration:</b>	1 mg/mL
<b>Sterility:</b>	0.2 µM filtered
<b>Preservative:</b>	0.02% sodium azide

### Applications

<b>Applications:</b>	Immunohistochemistry, Immunocytochemistry, Western Blot, Immunoprecipitation
<b>Recommended Dilution:</b>	Western Blot: 1:500-1:5000 Immunohistochemistry: 1:50-1:200 Immunocytochemistry: 1:50-1:200
<b>Note:</b>	Optimal dilutions/concentrations should be determined by the end user.

### Storage & Handling

<b>Shipping:</b>	Shipped at 4°C.
<b>Storage:</b>	This antibody can be stored at 2°C-8°C for one month. For longer storage, store at -20°C. Avoid repeated freeze-thaw cycles.



## Target Details

**Protein Name:** Cathepsin Z

**Introduction:** The protein encoded by this gene is a lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The encoded protein has also been known as cathepsin X and cathepsin P. This gene is expressed ubiquitously in cancer cell lines and primary tumors and, like other members of this family, may be involved in tumorigenesis.

**Alternative Names:** CTSX

**Gene ID:** [1522](#)

**UniProt:** [Q9UBR2](#)

**Subcellular Location:** Lysosome.

**Cell Line Specificity:** Low cancer specificity