

Product Name: KD-Validated Cathepsin Z Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00343

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 33.9kDa

Antigen Information

Gene Name	CTSZ
Alternative Names	CTSZ; Cathepsin Z; Cathepsin X; CTSX; Cysteine-Type Carboxypeptidase; Lysosomal Carboxypeptidase B; Carboxypeptidase LB; Cathepsin IV; Cathepsin B2; Cathepsin Z1; Cathepsin Y; Cathepsin P; EC 3.4.18.1; Preprocathepsin P
Gene ID	1522.0
SwissProt ID	Q9UBR2
Immunogen	Recombinant protein of human Cathepsin Z

Background

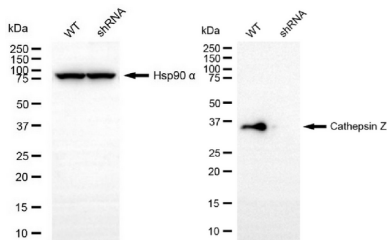
The protein encoded by this gene is a lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The encoded protein has also been known as cathepsin X and

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. [provided by RefSeq, Oct 2008]

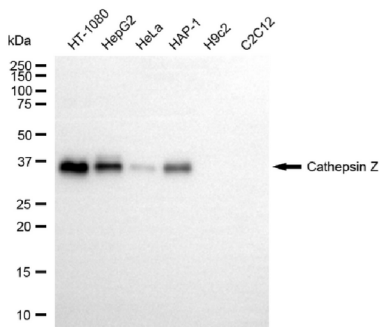
Research Area

Tags & Cell Markers

Image Data



Western blotting analysis using cathepsin Z antibody (KVA00343). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with cathepsin Z antibody (KVA00343, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of cathepsin Z expression in HT-1080 cells using cathepsin Z antibody (KVA00343, 1:2,000). Green, isotype control; red, cathepsin Z.

