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### Datasheet for ABIN126937

# anti-Cathepsin W antibody



#### Overview

Quantity:	0.1 mg
Target:	Cathepsin W (CTSW)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cathepsin W antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### **Product Details**

Immunogen:	Recombinant human procathepsin W
Clone:	39-2B6
Isotype:	lgG2b
Specificity:	The anti-Cathepsin W antibody recognizes mature cathepsin W and procathepsin W of human origin. It does not cross-react with other cathepsins.
Characteristics:	Synonyms: CTSW, Lymphopain, Cathepsin-W
Purification:	Protein G affinity chromatography

# **Target Details**

Target:	Cathepsin W (CTSW)
Alternative Name:	Cathepsin W (CTSW Products)

## **Target Details**

rarget Details	
Background:	The cathepsin family of proteolytic enzymes contains several diverse classes of proteases. The cysteine protease class comprises cathepsins B, L, H, K, S, and O. The aspartyl protease class is composed of cathepsins D and E. Cathepsin G is in the serine protease class. Most cathepsins are lysosomal and each is involved in various cellular events such as peptide biosynthesis and protein degradation. Synonyms: CTSW, Cathepsin-W, Lymphopain
Gene ID:	1521
UniProt:	P56202
Application Details	
Application Notes:	Western blot: 1-4 µg/mL. Immunohistochemistry on frozen sections: 20-30 µg/mL.  Other applications not tested.  Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Concentration:	1.0 mg/mL
Buffer:	PBS containing 30 % glycerol, 0.5 % BSA, and 0.01 % thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C/-80 °C
Storage Comment:	Store the antibody undiluted at -20 °C or for long term storage (in aliquots) at -70 °C. Avoid repeated freezing and thawing.  Shelf life: one year from despatch.
Expiry Date:	12 months