



# Mouse anti-Human CTSW monoclonal antibody, clone 5B9 (CABT-B10050)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	CTSW (AAH48255, 22 a.a. ~ 377 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5B9
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, sELISA, ELISA
<b>Sequence Similarities</b>	IRGPLRAQDLGPQPLELKEAFKLFQIQFNRSYLSPEEHARLDIFAHNLAAQQLQEEDL GTAEFGVTPFSDLTEEEFGQLYGYRRAAGGVPSMGREIRSEEPEESVPFSCDWRKVAGAI SPIKDQKNCNCCWAMAAAGNIETLWRISFWDFDVSVQELLDGRCGDGCHGGFWDAFI TVLNNSGLASEKDYPFQGKVRAHRCHPKYQKVAWIQDFIMLQNNEHRIAQYLATYGPIT VTINMKPLQLYRKGV
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

**Introduction** The protein encoded by this gene, a member of the peptidase C1 family, is a cysteine proteinase that may have a specific function in the mechanism or regulation of T-cell cytolytic activity. The encoded protein is found associated with the membrane inside the endoplasmic reticulum of natural killer and cytotoxic T-cells. Expression of this gene is up-regulated by interleukin-2. [provided by RefSeq, Jul 2008]

**Keywords** CTSW; cathepsin W; LYPN; lymphopain;

## GENE INFORMATION

Entrez Gene ID	<a href="#">1521</a>
UniProt ID	<a href="#">P56202</a>
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem
Function	cysteine-type endopeptidase activity; cysteine-type peptidase activity; peptidase activity