



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

Immunogen	CTSW (AAH48255, 22 a.a. ~ 377 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5B9
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	IRGPLRAQDLGPQPLELKEAFKLFQIQFNRSYLSPEEHAHRLDIFAHNLAQAQRLQEEDL GTAIEFGVTVPFSDLTEEEFGQLYGYRRAAGGVPSMGREIRSEEPESVPFSCDWRKVAGAI SPIKDQKNCNCWAMAAAGNIETLWRISFWDFVDVSVQELLDCGRCDGCHGGFVWDAFI TVLNNSGLASEKDYPFQGKVRHRCHPKKYQKVAWIQDFIMLQNNHRIAQYLATYGPIT VTINMKPLQLYRKGV
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	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 [1521](#)

UniProt ID [P56202](#)

Pathway Lysosome, organism-specific biosystem; Lysosome, conserved biosystem

Function cysteine-type endopeptidase activity; cysteine-type peptidase activity; peptidase activity