

Datasheet for ABIN655897
anti-CD8B antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	CD8B
Binding Specificity:	AA 141-167, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD8B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CD8B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-167 amino acids from the C-terminal region of human CD8B1.
Clone:	RB14077
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CD8B
Alternative Name:	CD8B1 (CD8B Products)
Background:	The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that

Target Details

mediates efficient cell-cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 beta chain isoforms. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified.

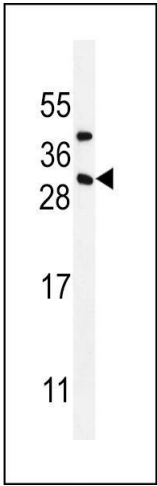
Molecular Weight:	23722
Gene ID:	926
NCBI Accession:	NP_001171571 , NP_004922 , NP_742099 , NP_742100 , NP_757362
UniProt:	P10966
Pathways:	TCR Signaling

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. CD8B1 Antibody (C-term) (ABIN655897 and ABIN2845297) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the CD8B1 antibody detected the CD8B1 protein (arrow).