

Datasheet for ABIN1679102
anti-CD8B antibody (AA 22-170)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CD8B
Binding Specificity:	AA 22-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 22-170 of human CD8B (NP_757362.1).
Sequence:	LQQTPAYIKV QTNKMVMLSC EAKISLSNMR IYWLRQRQAP SSDSHHEFLA LWDSAKGTIH GEEVEQEKIA VFRDASRFIL NLTSVKPEDS GIYFCMIVGS PELTFGKGTQ LSVDFLPTT AQPTKKSTLK KRVCLPRPE TQKGPLCSP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD8B
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Target Details

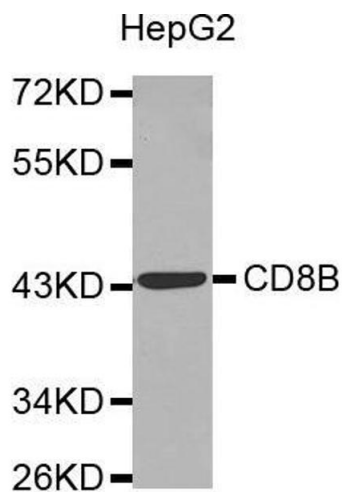
Alternative Name:	CD8B (CD8B Products)
Background:	<p>The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize 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.,CD8B,CD8B1,LEU2,LY3,LYT3,P37,Immunology & Inflammation,CD markers,CD8B</p>
Molecular Weight:	20 kDa/22 kDa/23 kDa/24 kDa/25 kDa/27 kDa
Gene ID:	926
UniProt:	P10966
Pathways:	TCR Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

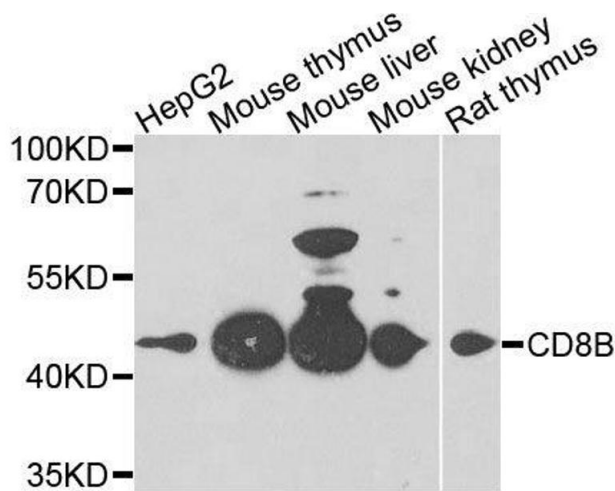
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of HepG2 cell line, using CD8B antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD8B antibody.