

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 29896-1-AP	<b>GenBank-Zugangsnummer:</b> NM_001081110	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 600 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 12525	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:5000 IHC 1:500-1:2000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> CD8 antigen, alpha chain	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 27KD	
<b>Immunogen Katalognummer:</b> AG31942	<b>Beobachtete Masse:</b> 32-35 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : Mausmilzgewebe, Maus-Thymusgewebe IHC : Maus-Thymusgewebe, Mausmilzgewebe
<b>In Publikationen genannte Anwendungen:</b> IHC	
<b>Getestete Reaktivität:</b> Maus	
<b>Zitierte Arten:</b> Human	
<b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

CD8 is a transmembrane glycoprotein that is predominantly expressed on the surface of cytotoxic T cells, and can also be found on natural killer cells, cortical thymocytes, and dendritic cells. CD8 is composed of two disulfide-linked chains and can be present as a homodimer of CD8a or as a heterodimer of CD8a and CD8β (PMID: 3264320; 8253791). The majority of class I-restricted T cells express mostly the CD8aβ heterodimer while CD8aα homodimers alone have been found on some gut intraepithelial T cells , on some T cell receptor (TCR) γδ T cells and on NK cells (PMID: 2111591; 1831127; 8420975). CD8 acts as a co-receptor that binds to MHC class-I and participates in cytotoxic T cell activation (PMID: 8499079). During T cell development, CD8 is required for positive selection of CD4-/CD8+ T cells (PMID: 1968084).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hualin Chen	37063886	Front Immunol	IHC

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

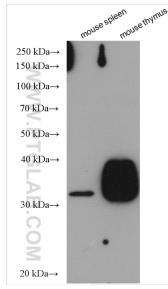
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

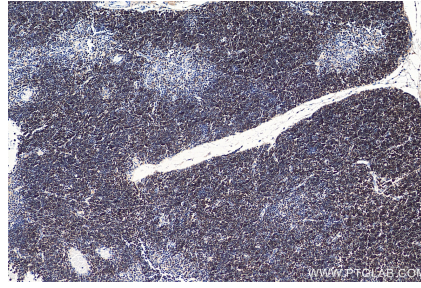
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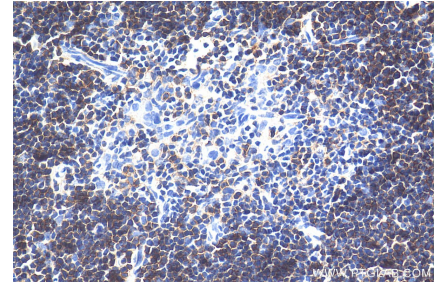
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29896-1-AP (CD8a antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 29896-1-AP (CD8a antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 29896-1-AP (CD8a antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).