# Wanleibio

## Anti-CD8A Rabbit pAb

WL01102

For Research Use Only.Not For Use In Diagnostic Procedures

## **Product Information**

Product name Source	Anti-CD8A Rabbit pAb Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

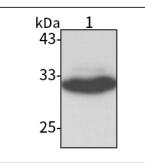
## Product Datasheet

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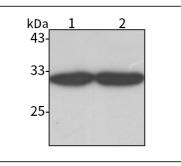
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#### Product Images



## Western blot-Anti-CD8A pAb

Lane 1: Human Jurkat cell lysate All lanes: Anti-CD8A at 1:1000 dilution Lysates/proteins at 20-50 µg per lane. Predicted band size: 26 kDa Observed band size: 28-32 kDa



#### Western blot-Anti-CD8A pAb

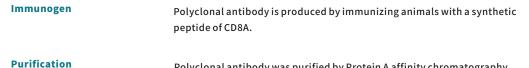
Lane 1: Mouse spleen tissue lysate Lane 2: Rat spleen tissue lysate All lanes: Anti-CD8A at 1:1000 dilution Lysates/proteins at 20-50 µg per lane. Predicted band size: 26 kDa Observed band size: 28-32 kDa



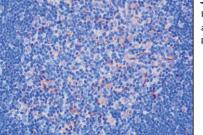
Background

**General Information** 

Human T-cell surface glycoprotein CD8 alpha chain, also known as CD8a, is a single-pass type I membrane protein. The CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. Both human and rodent CD8 antigens are comprised of two distinct polypeptide chains, alpha and beta. The Ig domains of CD8 alpha are involved in controlling the ability of CD8 to be expressed. Mutation of Band F-strand cysteine residues in CD8 alpha reduced the ability of the protein to fold properly and, therefore, to be expressed.



Polyclonal antibody was purified by Protein A affinity chromatography.



#### Immunohistochemistry-Anti-CD8A pAb

Immunohistochemical analysis of paraffin-embedded rat **thymus** using anti-CD8A Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

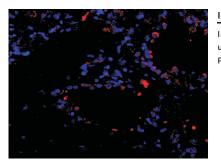
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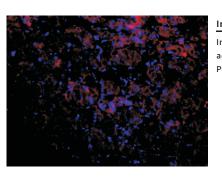
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## **Product Information**



#### Immunofluorescence-Anti-CD8A pAb

Immunofluorescence analysis of paraffin-embedded huaman lung cancer using anti-CD8A Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-CD8A pAb

Immunofluorescence analysis of paraffin-embedded huaman adenocarcinoma using anti-CD8A Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0