

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66868-1-Ig	<b>GenBank-Zugangsnummer:</b> BC025715	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 2100 µg/ml von925 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> Vollständiger Name: CD8a molecule	<b>CloneNo.:</b> 1G2B10
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 235 aa, 26 kDa	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:10000 IHC 1:10000-1:40000 IF 1:200-1:800
<b>Isotyp:</b> IgG1	<b>Beobachtete Masse:</b> 32 kDa	
<b>Immunogen Katalognummer:</b> AG11111		

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b>
<b>In Publikationen genannte Anwendungen:</b> Cell treatment, FC, IF, IHC, WB	<b>WB :</b> MOLT-4-Zellen, human peripheral blood leukocyte
<b>Getestete Reaktivität:</b> Human	<b>IHC :</b> humanes Tonsillitisgewebe, humanes Appendizitis-Gewebe, humanes Kolonkarzinomgewebe, humanes Lungenkarzinomgewebe, humanes Mammakarzinomgewebe, humanes Pankreaskarzinomgewebe
<b>Zitierte Arten:</b> Human	<b>IF :</b> humanes Tonsillitisgewebe,
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung 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 serves as a co-receptor for the T cell receptor (TCR). Both CD8 and TCR recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. CD8 plays a role in T cell development and activation of mature T cells. This antibody is raised against 23-183 aa of human CD8a, the alpha chain of CD8 molecule.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yanyu Ren	36248860	Front Immunol	IHC
Yan Yang	34582523	Biomater Sci	IHC
Yanli Liu	36238304	Front Immunol	IHC

## Lagerung

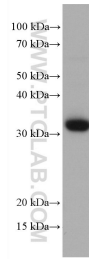
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

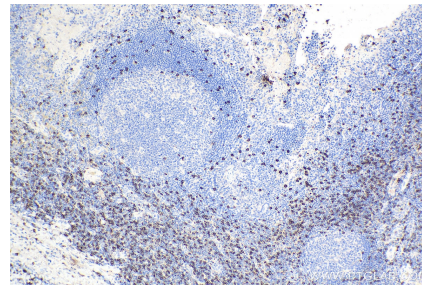
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

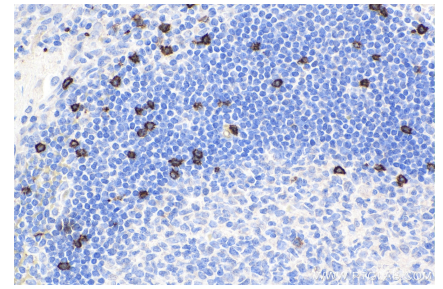
## Ausgewählte Validierungsdaten



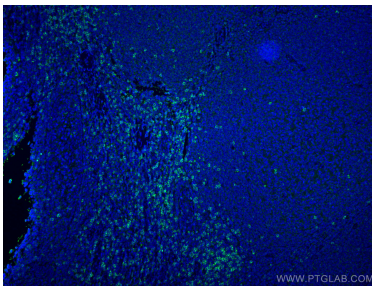
MOLT-4 cells were subjected to SDS PAGE followed by western blot with 66868-1-Ig (CD8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



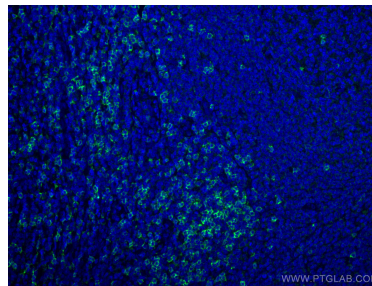
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66868-1-Ig (CD8 antibody) at dilution of 1:20000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66868-1-Ig (CD8 antibody) at dilution of 1:20000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD8 antibody (66868-1-Ig, Clone: 1G2B10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD8 antibody (66868-1-Ig, Clone: 1G2B10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).