

---

**Product Name: CD8 alpha Rabbit Monoclonal Antibody****Catalog #: AMRe85220**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Hamster
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.62mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 26 kDa; Observed MW: 29 kDa

**Antigen Information**

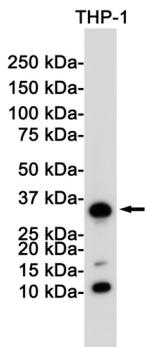
<b>Gene Name</b>	CD8 alpha
<b>Alternative Names</b>	CD8A; MAL; T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD antigen CD8a
<b>Gene ID</b>	925.0
<b>SwissProt ID</b>	P01732
<b>Immunogen</b>	A synthetic peptide of human CD8

**Background**

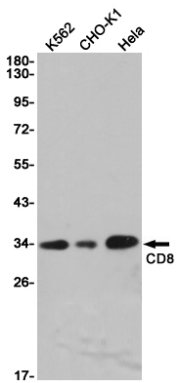
Identifies cytotoxic/suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing. CD8 alpha chains binds to class I MHC molecules alpha-3 domains.

## Research Area

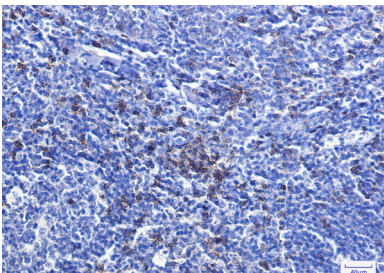
## Image Data



Western blot analysis of CD8 in THP-1 lysates using CD8 alpha antibody.



Western blot analysis of CD8 in K562, CHO-K1, HeLa lysates using CD8 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using CD8 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.