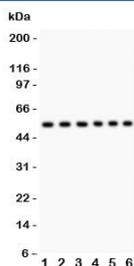


## CD8 Antibody (alpha) (R31662)

Catalog No.	Formulation	Size
R31662	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

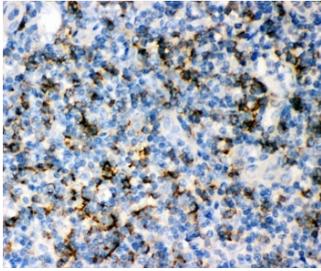
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>Gene ID</b>	925
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This CD8 antibody is available for research use only.



Western blot testing of CD8 antibody and Lane 1: Jurkat; 2: Raji; 3: HL-60; 4: A549; 5: COLO320; 6: HeLa lysate; Predicted molecular weight ~34 kDa; Observed molecular weight: 34~60 kDa depending on glycosylation level.



Western blot testing of CD8 antibody and recombinant human protein (0.5ng).



IHC-P: CD8 antibody testing of human tonsil tissue.

## Description

CD8 is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. It is mapped to 2p11.2. CD8, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigen 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 antibody is part of a broader selection of immune cell marker antibodies designed to support studies of T cell biology, immune infiltration, and tumor immunology, including application-specific [CD8A antibody](#) reagents for IHC, FACS, WB, and IF.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CD8 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Human partial recombinant protein (AA 22-187) was used as the immunogen for this CD8 antibody. This amino acid sequence is from the alpha subunit.

## Storage

After reconstitution, the CD8 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.