

## Product Datasheet

# Recombinant CD8 Antibody (alpha chain) / Rabbit Monoclonal (orb533989)

<b>Catalog Number</b>	orb533989
<b>Category</b>	Antibodies
<b>Description</b>	<p>The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen, 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. [Wiki]</p>
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG, k
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
<b>Purification</b>	Protein A affinity chromatography
<b>Immunogen</b>	Recombinant full-length human CD8a protein was used as immunogen for this recombinant CD8 antibody.
<b>UniProt ID</b>	<b>P01732</b>
<b>Tested applications</b>	IHC-P

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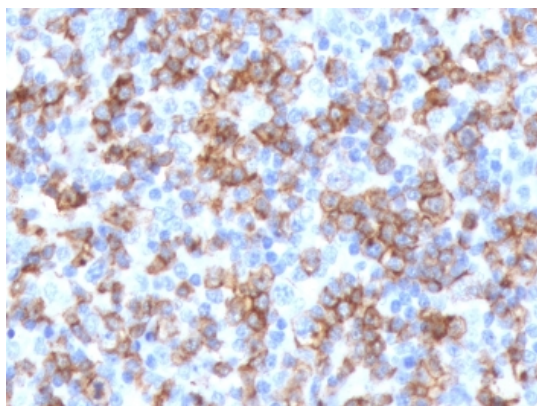
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<b>Dilution range</b>	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT, Prediluted IHC only format : incubate for 30 min at RT (1)
<b>Application notes</b>	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the recombinant CD8 antibody to be titered up or down for optimal performance.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	CDLA8a-2R
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC testing of FFPE human tonsil with recombinant CD8 antibody (clone CDLA8a-2R). Required HIER: boil tissue sections in 10mM citrate buffer, pH6, for 10-20 min followed by cooling at RT for 20 min.

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