

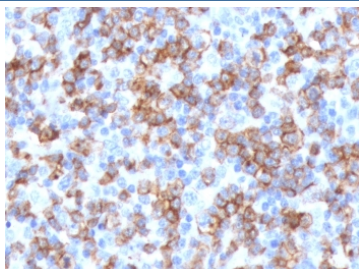
Recombinant CD8 Antibody (alpha chain) / Rabbit Monoclonal [clone CDLA8a-2R] (V3684)

Catalog No.	Formulation	Size
V3684-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3684-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3684SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3684IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human. Other species not known.
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, k
Clone Name	CDLA8a-2R
Purity	Protein A affinity chromatography
UniProt	P01732
Localization	Cell surface
Applications	Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This recombinant CD8 antibody is available for research use only.



IHC testing of FFPE human tonsil with recombinant CD8 antibody (clone CDLA8a-2R). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min followed by cooling at RT for 20 min.

Description

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]

Application Notes

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 titrated 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.

Immunogen

Recombinant full-length human CD8a protein was used as immunogen for this recombinant CD8 antibody.

Storage

Store the recombinant CD8 antibody (with azide) at 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.

References (1)