

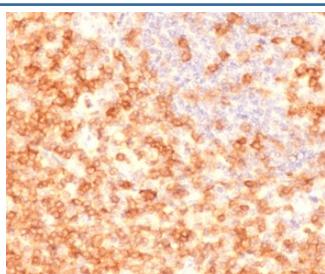
## Recombinant CD27 Antibody [clone CDLA27-1R] (V3676)

Catalog No.	Formulation	Size
V3676-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3676-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3676SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3676IHC-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
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CDLA27-1R
Purity	Protein A affinity chromatography
UniProt	P26842
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 CD27 antibody is available for research use only.



IHC testing of FFPE human tonsil tissue with recombinant CD27 antibody (clone CDLA27-1R). Required HIER: boil tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9, for 10-20 min.

## Description

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. CD27 transduces signals that lead to the activation of NF- $\kappa$ B and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [Wiki]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant CD27 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

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

Human CD27 protein was used as the immunogen for the recombinant CD27 antibody.

## Storage

Store the recombinant CD27 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).