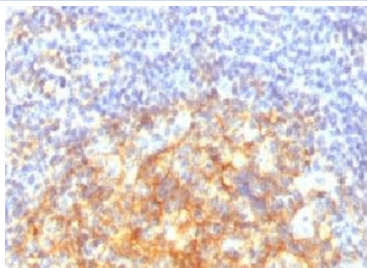


## VCAM-1 Antibody [clone CDLA106] (V7162)

Catalog No.	Formulation	Size
V7162-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7162-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7162SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7162IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	CDLA106
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P19320
<b>Localization</b>	Cytoplasmic, membrane
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT (1) Prediluted IHC Only Format : incubate for 30 min at RT (2)
<b>Limitations</b>	This VCAM-1 antibody is available for research use only.



IHC testing of FFPE human tonsil with VCAM-1 antibody (clone CDLA106).

## Description

Vascular cell adhesion molecule-1 (VCAM-1), also called L1CAM and CD106, is important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction. The VCAM1/ITGA4/ITGB1 interaction may play a pathophysiologic role both in immune responses and in leukocyte emigration to sites of inflammation. [UniProt]

## Application Notes

Titering of the VCAM-1 antibody may be required for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 min.
2. 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 human protein was used as the immunogen for the VCAM-1 antibody.

## Storage

Store the VCAM-1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).