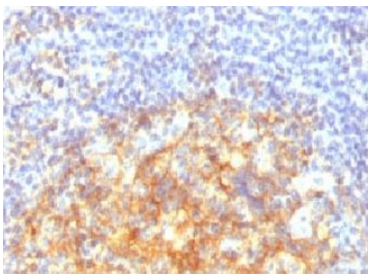
VCAM-1 Antibody [clone CDLA106] (V7162)

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

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CDLA106
Purity	Protein G affinity chromatography
UniProt	P19320
Localization	Cytoplasmic, membrane
Applications	1-2ug/ml for 30 min at RT (1)incubate for 30 min at RT (2)
Limitations	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).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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