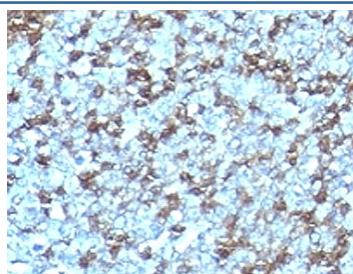


## Anti-ICAM-3 Antibody [clone SPM505] (V2606)

Catalog No.	Formulation	Size
V2606-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2606-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2606SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2606IHC-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 IgG2b, kappa
Clone Name	SPM505
Purity	Protein G affinity chromatography
UniProt	P32942
Localization	Membrane, cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-ug/ml for 30 min at RT
Limitations	This anti-ICAM-3 antibody is available for research use only.



Formalin-fixed, paraffin-embedded human tonsil stained with anti-ICAM-3 antibody (SPM505)

## Description

Recognizes the D1 domain of an N-glycosylated glycoprotein of 120kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3. CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhesion. It is expressed on thymocytes and T lymphocytes and is resistant to treatment with phosphatidylinositol (PI) phospholipase C. This mAb is excellent for staining of formalin/paraffin tissues.

## Application Notes

Optimal dilution of the anti-ICAM-3 antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes
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

Stimulated human leukocytes were used as the immunogen for the anti-ICAM-3 antibody.

## Storage

Store the anti-ICAM-3 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

## Alternate Names

CD50