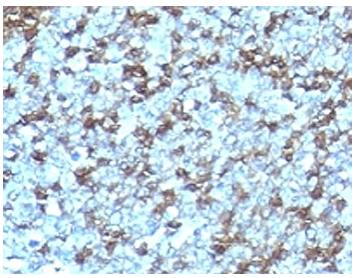
Anti-ICAM-3 Antibody [clone SPM505] (V2606)

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.

For a recombinant monoclonal option with additional validation data, see our CD50 Antibody rICAM3/1019 / LFA-1 Ligand CD50 Antibody page.

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

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