

36-1254: Monoclonal Antibody to CD50 / ICAM-3(Clone : SPM505)

Clonality :	Monoclonal
Clone Name :	SPM505
Application :	FACS,IF,IHC
Reactivity :	Human
Gene :	ICAM3
Gene ID :	3385
Uniprot ID :	P32942
Format :	Purified
Alternative Name :	ICAM3
Isotype :	Mouse IgG2b Kappa
Immunogen Information :	Stimulated human leukocytes

Description

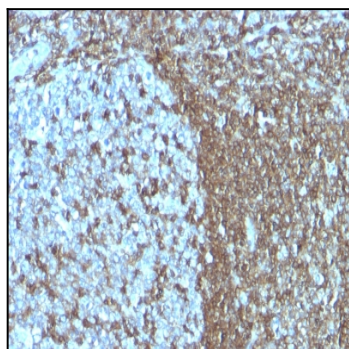
Recognizes the D1 domain of an N-glycosylated glycoprotein of 120kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3. CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhesion. It is expressed on thymocytes and T lymphocytes and is resistant to treatment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

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Blocks binding of CD11a (LFA-1) to CD50 (ICAM-3) (Order Ab without Azide); Flow Cytometry (0.5-1 µg/million cells in 0.1ml); Immunofluorescence (0.5-1 µg/ml); Immunohistology (Formalin-fixed) (0.5-1 µg/ml for 30 minutes at RT); (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes); Optimal dilution for a specific application should be determined.



Formalin-fixed, paraffin-embedded human Tonsil stained with CD50 Monoclonal Antibody (SPM505)