

36-1256: Monoclonal Antibody to CD50 / ICAM-3(Clone : ICAM3/1019)

Clonality :	Monoclonal
Clone Name :	ICAM3/1019
Application :	FACS,IF,WB,IHC
Reactivity :	Human
Gene :	ICAM3
Gene ID :	3385
Uniprot ID :	P32942
Format :	Purified
Alternative Name :	ICAM3
Isotype :	Mouse IgG2b, kappa
Immunogen Information :	Recombinant human ICAM3 protein

Description

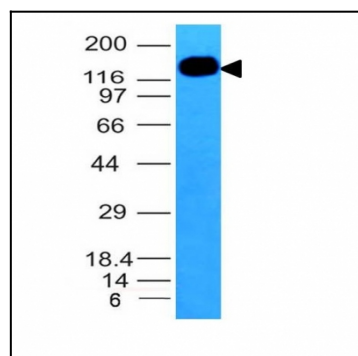
Recognizes an N-glycosylated glycoprotein of 120kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3. CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhesion. It is expressed on thymocytes and T lymphocytes and is resistant to treatment with phosphatidylinositol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

Product Info

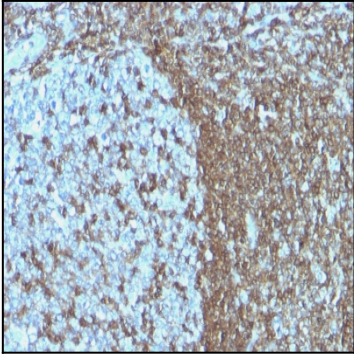
Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);



Western Blot Analysis of HL-60 Cell Lysate using CD50 Monoclonal Antibody (ICAM3/1019)



Formalin-fixed, paraffin-embedded human Tonsil stained with CD50 Monoclonal Antibody (ICAM3/1019)