

30-1506: Anti-SCIMP Monoclonal Antibody (Clone:NVL-07)

Clonality :	Monoclonal
Clone Name :	NVL-07
Application :	IP,ICC,FACS,WB
Reactivity :	Human
Gene :	SCIMP
Gene ID :	388325
Uniprot ID :	Q6UWF3
Format :	Purified
Alternative Name :	SCIMP,C17orf87,UNQ5783/PRO16090
Isotype :	Mouse IgG2a
Immunogen Information :	Recombinant intracellular part of human SCIMP

Description

SCIMP (SLP adaptor and Csk interacting membrane protein), also known as Nvl, is a palmitoylated transmembrane adaptor protein expressed in professional antigen presenting cells, most prominently in the lymph nodes and spleen. It is associated with tetraspanin-enriched microdomains (together with MHC II). There is a close relationship between SCIMP and tyrosinkinase Lyn, which is constitutively bound to it by its SH3 domain. After MHC II-mediated stimulation in the immunological synapse SCIMP becomes phosphorylated at several tyrosine residues and provides docking sites for Grb2 and SLP65 or SLP76 adaptors transducing the signal downstream, as well as for the kinase Csk with modulatory roles.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.

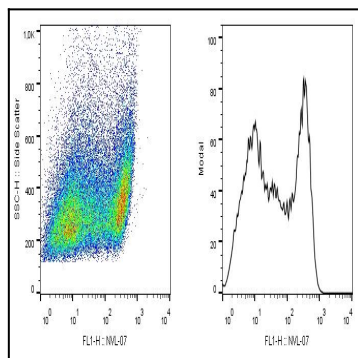


Figure 1: Intracellular staining of SCIMP in a population of HEK-293T-SCIMP transfectants using monoclonal antibody (clone NVL-07, purified). The staining pattern reflects heterogeneity in the cell population regarding transfection efficiency.