

AM26706PU-N**Monoclonal Antibody to SCIMP - Aff - Purified**

Alternate names:	SLP adaptor and Csk interacting membrane protein
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	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.
Uniprot ID:	Q6UWF3
NCBI:	NP_996986.1
GeneID:	388325
Host / Isotype:	Mouse / IgG2a
Clone:	NVL-07
Immunogen:	Recombinant intracellular part of human SCIMP
Format:	State: Liquid Ig fraction Purification: Protein-A affinity chromatography (> 95% pure by SDS-PAGE) Buffer System: Phosphate buffered saline (PBS), approx. pH 7.4 Preservatives: 15 mM sodium azide
Applications:	Flow cytometry (intracellular staining). Immunoprecipitation. Western blot. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody recognizes intracellular part of human transmembrane adaptor SCIMP. This protein of 17 kDa predicted Mw migrates as a 22 kDa band on SDS PAGE.
Species Reactivity:	Tested: Human
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Draber P, Vonkova I, Stepanek O, Hrdinka M, Kucova M, Skopcova T, et al. SCIMP, a transmembrane adaptor protein involved in major histocompatibility complex class II signaling. Mol Cell Biol. 2011 Nov;31(22):4550-62. doi: 10.1128/MCB.05817-11. Epub 2011 Sep 19. PubMed PMID: 21930792.