

Product datasheet for **AM26706PU-N**

C17orf87 (SCIMP) Mouse Monoclonal Antibody [Clone ID: NVL-07]

Product data:

| | |
|------------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | NVL-07 |
| Applications: | FC, IF, IP, WB |
| Recommended Dilution: | Flow cytometry (intracellular staining). Immunoprecipitation. Western blot. Immunocytochemistry. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant intracellular part of human SCIMP |
| 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. |
| Formulation: | Phosphate buffered saline (PBS), approx. pH 7.4 State: Aff - Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide |
| Concentration: | lot specific |
| Purification: | Protein-A affinity chromatography (> 95% pure by SDS-PAGE) |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | SLP adaptor and CSK interacting membrane protein |
| Database Link: | Entrez Gene 388325 Human Q6UWF3 |



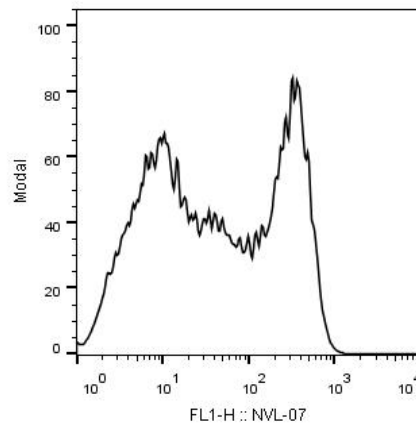
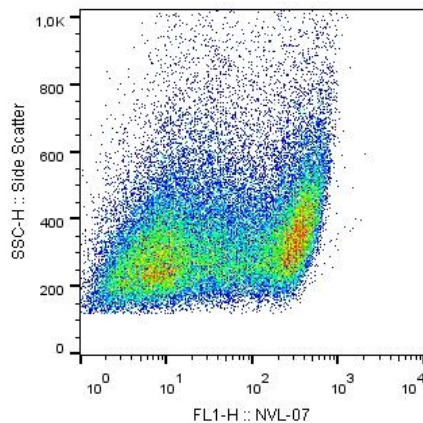
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Background:

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.

Synonyms:

SLP adaptor and Csk interacting membrane protein

Product images:

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.