Product Datasheet

SCIMP Antibody (orb154406)

Catalog Number	orb154406
Category	Antibodies
Description	Mouse monoclonal antibody to SCIMP which 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 encodes a transmembrane adaptor protein that is expressed in antigen-presenting cells and is localized in the immunologic synapse.
Target	SCIMP
Clonality	Monoclonal
Isotype	Mouse IgG2a
Conjugation	Unconjugated
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	Recombinant intracellular part of human SCIMP
UniProt ID	Q6UWF3
Tested applications	FC, ICC, IP, WB
Application notes	Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.Western blotting: Recommended dilution: 1-2 µg/ml.

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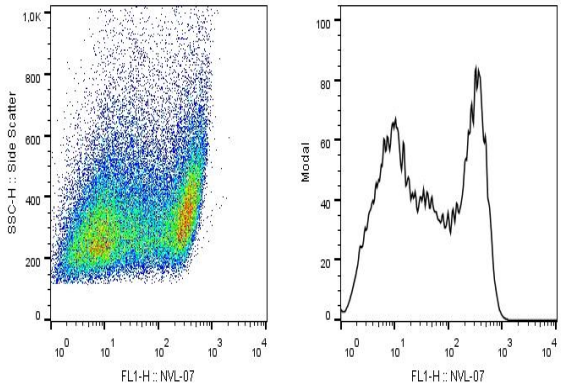
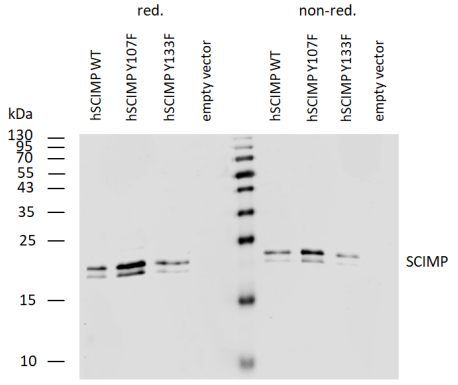
Specificity	The mouse monoclonal antibody NVL-07 recognizes intracellular part of human transmembrane adaptor SCIMP. This protein of 17 kDa predicted Mw migrates as a 22 kDa band on SDS PAGE.
Antibody Type	Primary Antibody
Clone Number	NVL-07
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	**388325**
Expiration Date	12 months from date of receipt.



Flow cytometry analysis (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.



Western blotting analysis of human SCIMP using mouse monoclonal antibody NVL-07 on lysates of human SCIMP transfectants under reducing and non-reducing conditions. Nitrocellulose membrane was probed with 2 µg/ml of mouse monoclonal antibody followed by IRDye800-conjugated anti-mouse secondary antibody. SCIMP was detected around 17-22 kDa.

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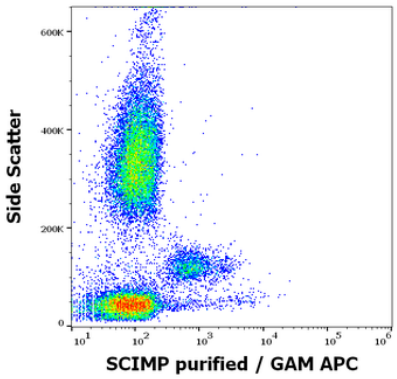
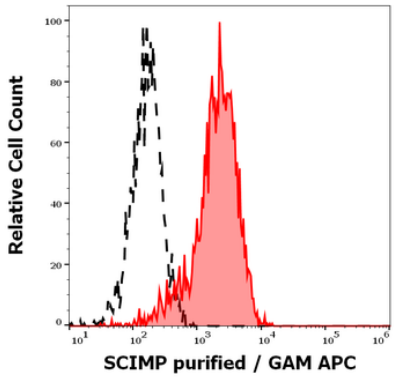
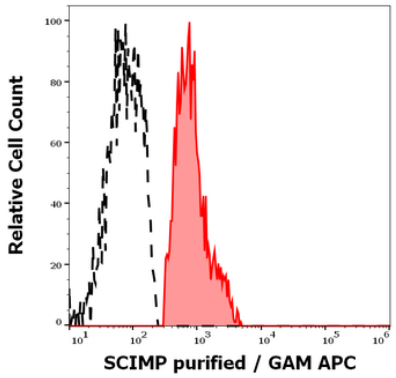


Flow cytometry intracellular staining pattern of human peripheral whole blood stained using anti-SCIMP (NVL-07) purified antibody (concentration in sample 1.67 µg/ml, GAM APC).



Separation of HeLa cells stained using anti-SCIMP (NVL-07) purified antibody (concentration in sample 5 µg/ml, GAM APC, red-filled) from HeLa cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (intracellular staining).



Separation of human monocytes (red-filled) from SCIMP negative lymphocytes (black-dashed) in flow cytometry analysis (intracellular staining) of human peripheral whole blood stained using anti-SCIMP (NVL-07) purified antibody (concentration in sample 1.67 µg/ml, GAM APC).

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