

Product Datasheet

Phospho-SLP-76 (Tyr128) (3F8) rabbit mAb APC conjugate Antibody (orb1946243)

Catalog Number	orb1946243
Category	Antibodies
Description	<p>SH2 Domain-Containing Leukocyte Protein Of 76 KDa (SLP-76) is an adaptor protein that plays a role in signal transduction in T cells. Studies using a SLP-76-deficient T cell line have demonstrated that SLP-76 is required for optimal phosphorylation and activation of both PLCg1 and the Ras pathway. SLP-76 phosphorylation is mediated by Zap70 upon TCR stimulation. Within an N-terminal acidic region, SLP-76 possesses three tyrosines (Tyr113, 128, and 145), which are phosphorylated upon activation. The sterile $\text{C}\epsilon\pm$-motif (SAM) domain of SLP-76 drives formation of dimers and higher order oligomers. SLP-76 micro-clusters at the immunological synapse enhance signal transduction and T cell activation.</p>
Clonality	Monoclonal
Species/Host	Rabbit
Isotype	Rabbit IgG1k
Conjugation	APC
Reactivity	Human, Mouse
Form/Appearance	Liquid
Buffer/Preservatives	1X PBS, 0.09% NaN ₃ , 0.2% rAlbumin
Purification	Protein A+G
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Tyr128 of human phospho SLP-76

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

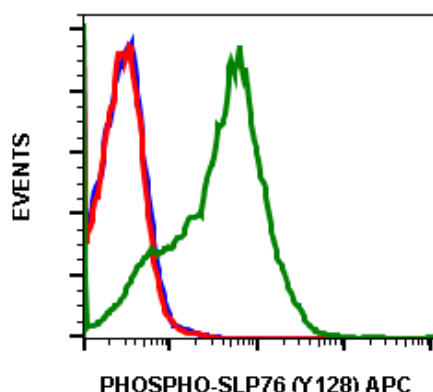
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

UniProt ID **Q13094****Tested applications** FC**Dilution range** For flow cytometric staining, the suggested use of this reagent is 5 μ L per million cells or 5 μ L per 100 μ L of staining volume. It is recommended that the reagent be titrated for optimal performance for each application.**Cross Reactivity** Predicted to work with mouse, rat and other homologues.**Clone Number** SLP76Y128-3F8**Storage** 2-8°C**Note** For research use only**Expiration Date** 12 months from date of receipt.

Flow cytometric analysis of Ramos cells unstained untreated Ramos cells negative control (blue) or stained untreated (red) or treated cells with pervanadate (green) using phospho-SLP-76 (Tyr128) antibody SLP76Y128-3F8 APC conjugate. Cat. #orb1946243.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558