

## 12-4181: Phospho-SLP-76 (Tyr128) (Clone: 3F8) rabbit mAb APC conjugate

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	SLP76Y128-3F8
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human, Mouse
<b>Conjugate :</b>	APC
<b>Format :</b>	Conjugated
<b>Alternative Name :</b>	Lymphocyte cytosolic protein 2, SH2 domain-containing leukocyte protein of 76 kDa, SLP76, LCP2
<b>Isotype :</b>	Rabbit IgG1k
<b>Immunogen Information :</b>	A synthetic phospho-peptide corresponding to residues surrounding Tyr128 of human phospho SLP-76

### Description

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 alpha-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.

### Product Info

<b>Amount :</b>	10 Tests / 100 Tests
<b>Content :</b>	1X PBS, 0.09% NaN <sub>3</sub> , 0.2% BSA
<b>Storage condition :</b>	Store at 2-8°C. Avoid repeated freeze and thaw cycles.

### Application Note

For flow cytometric staining, the suggested use of this reagent is 5  $\mu$ L per million cells or 5  $\mu$ L per 100  $\mu$ L of staining volume. It is recommended that the reagent be titrated for optimal performance for each application.

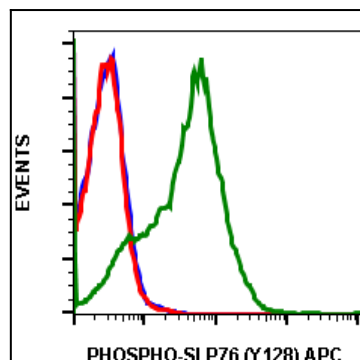


Fig-1: Flow cytometric analysis of Ramos cells unstained untreated Ramos cells negative control (blue) or stained untreated (red) or treated cells with pervanadate (green) using phospho-SLP-76 (Tyr128) antibody SLP76Y128-3F8 APC conjugate.