

Mouse anti-SLP-76, clone SLP-76/03 (Monoclonal)

Clone no. SLP-76/3

MONOSAN

Product name	Mouse anti-SLP-76, clone SLP-76/03 (Monoclonal)
Host	Mouse
Applications	WB, IHC-P
Species reactivity	Pig, Human, Mouse
Conjugate	-
Immunogen	Bacterially expressed fusion protein representing amino acids 216-434 of human SLP76 with histidine tag
Isotype	IgG2b
Clonality	Monoclonal
Clone number	SLP-76/3
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

SLP76 (SH2 domain-containing leukocyte protein of 76 kDa) is a cytosolic adaptor protein which translocates to the plasma membrane and is involved in multiple signaling pathways in T cells, mast cells, neutrophils and platelets; B cells express its analog SLP65/BLNK (B cell linker protein). SLP76 is phosphorylated by Syk-family and Tec-family tyrosine kinases and couples them to the phosphorylation and activation of PLC-gamma. Via Gads or Grb2, SLP76 also associates with LAT adaptor by involvement of SLP76 proline-rich region. The SH2 domain of SLP76 has been identified as the region involved in binding the serine/threonine kinase HPK1. HPK1 may act as both a positive and a negative regulator by promoting the Jnk-mitogen activated protein kinase (MAPK) pathway and inhibiting the pathway leading to AP-1 activation.

References

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