

For Research Use Only

SDPR Monoclonal antibody, PBS Only

Catalog Number: 61031-3-PBS



Basic Information

Catalog Number: 61031-3-PBS	GenBank Accession Number: BC016475	Purification Method: Protein G purification
Source: Mouse	GeneID (NCBI): 8436	CloneNo.: 2C3H8
Isotype: IgG1	UNIPROT ID: O95810	
Immunogen Catalog Number: AG34151	Full Name: serum deprivation response (phosphatidylserine binding protein)	
	Calculated MW: 425 aa, 47 kDa	
	Observed MW: 68-70 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat, rabbit

Background Information

Serum deprivation-response protein (SDRP), a substrate of protein kinase C, is a member of a group of proteins that bind to phosphatidylserine in a calcium-dependent manner. SDRP may participate in the generation or stabilization of membrane curvature. SDRP is highly expressed in heart and lung, and low in brain, kidney, liver, pancreas, placenta and skeletal muscle. SDRP of molecular masses 115 kDa and 100 kDa were found in neutrophils, monocytes, lymphocytes, platelets and erythrocytes. In platelets, however, the principal SDRP is a cytosolic protein of molecular mass 68 kDa. (PMID: 2390065)

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 61031-3-Ig (SDPR antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 61031-3-PBS in a different storage buffer formulation.