

Phospho-PLM(S68) Antibody

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| Catalog_no : | AB0681 |
| Applications : | IHC-P, FC, WB |
| Reactivity : | M |
| Category : | 抗原抗体 |
| Size : | 100μL/50μL |
| Immunogen : | MOUSE |
| Specificity : | This PLM Antibody is generated from mice immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S68 of human PLM. |
| Dilution : | WB,1:100~500; |
| Purification : | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |
| Other_name : | Phospholemman, FXYD domain-containing ion transport regulator 1, Fxyd1, Plm |
| Isotype : | Mouse IgG1 |
| Background : | This gene encodes a member of the FXYD family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXVD and containing 7 invariant and 6 highly conserved amino acids. The protein encoded by this gene is a plasma membrane substrate for several kinases, including protein kinase A, protein kinase C, NIMA kinase, and myotonic dystrophy kinase. It is thought to form an ion channel or regulate ion channel activity and act as an accessory protein of Na,K-ATPase. Alternatively spliced transcript variants have been described. |
| reference : | Phospholemman and beta-adrenergic stimulation in the heart. Wang J, et al. Am J Physiol Heart Circ Physiol, 2010 Mar. PMID 20008271. Extracellular potassium dependence of the Na ⁺ -K ⁺ -ATPase in cardiac myocytes: isoform specificity and effect of phosph |