

PLM (Phospho-S68) monoclonal antibody

Catalog: MB67269

Host: Mouse

Reactivity: Mouse

BackGround:

Associates with and regulates the activity of the sodium/potassium-transporting ATPase (NKA) which transports Na⁺ out of the cell and K⁺ into the cell. Inhibits NKA activity in its unphosphorylated state and stimulates activity when phosphorylated (By similarity). Reduces glutathionylation of the NKA beta-1 subunit ATP1B1, thus reversing glutathionylation-mediated inhibition of ATP1B1. Contributes to female sexual development by maintaining the excitability of neurons which secrete gonadotropin-releasing hormone.

Product:

Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 10 kDa

Swiss-Prot:

Q9Z239

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

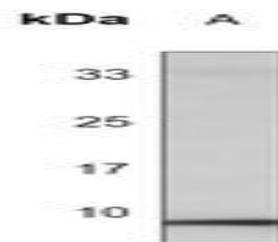
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of PLM (pS68) protein.

DATA:



Western blot analysis of PLM (pS68) expression in 293 transfected with a plasmid encoding PLM (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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