ATP1A1 Mouse Monoclonal Ab

Images(5)

Cat.#: BF8139 Concn.: ~1mg/ml Mol.Wt.: 113kDa Size: 100ul Source: Mouse Clonality: Monoclonal

Application: WB 1:1000-1:5000

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: A synthesized peptide derived from human ATP1A1, corresponding to a

region within N-terminal amino acids.

Uniprot: P05023

Description: ATP1A1 the catalytic component of the active enzyme, which catalyzes the

hydrolysis of ATP coupled with the exchange of Na and K ions across the plasma membrane. This action creates the electrochemical gradient of Na and K, providing the energy for active transport of various nutrients.



Western blot analysis of extracts from various samples, using ATP1A1 Mouse

Monoclonal Ab.

Lane 1: Mouse lung, blocked with antigen-specific peptides.

Lane 2: Mouse lung. Lane 3: Pc12 cells.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.