

### 39-1055: Anti-alpha-Adaptin Monoclonal Antibody (Clone: 100/2)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	100/2
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	Ap2a1
<b>Gene ID :</b>	308578
<b>Uniprot ID :</b>	D3ZUY8
<b>Alternative Name :</b>	Adaptor protein complex AP-2, alpha 1 subunit (Predicted) ; Protein Ap2a1 ; Ap2a1 ; Ap2a1_predicted ; rCG_54084
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	AP-2 adaptor polypeptides from bovine brain.

#### Description

Alpha Adaptin, also known as adaptor related protein complex, alpha 1 subunit. The alpha adaptins are exclusively found in the endocytic coated vesicles. Huntingtin-interacting protein 1(HIP1) is enriched in membrane-containing cell fractions and has been implicated in vesicle trafficking. Waelter et al.(2001) identified 3 HIP1-associated proteins, clathrin heavy chain(CLTC)and alpha-adaptin A and C. Coat proteins of approximately 100-kD(adaptins) are components of the adaptor complexes which link clathrin to receptors in coated vesicles. The alpha-adaptins separate into two bands on SDS gels.

#### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

#### Application Note

Western blot : 2-4µg/ml