



## Mouse monoclonal antibody to AP-2 complex subunit alpha-adaptin [Ada-1]: IgG

<b>Catalogue No.:</b>	M-995-100
<b>Description:</b>	Assembly Polypeptides (AP), also known as adaptors, co-assemble with clathrin during the formation of clathrin coated membranes. AP2 adaptors are associated with the endocytic clathrin coated vesicles at the plasma membrane. The AP2 adaptor is composed of four subunits which includes alpha- and beta-adaptin. This antibody reacts specifically with the alpha-adaptin subunit of the AP2 adaptor.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Assembly polypeptide 2 (AP2) adaptor polypeptides from bovine brain
<b>Clone:</b>	Ada-1
<b>Other Names:</b>	AP2A1;AP-2;
<b>Accession:</b>	O95782 AP2A1_HUMAN; Q1JPJ7 Q1JPJ7_BOVIN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Western Blotting (WB). A concentration of 2.0-4.0 ug/mL is recommended for WB. Human alpha adaptin (isoform #1) has a predicted length of 977 residues and MW of 108 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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