



## Mouse monoclonal antibody to Calcineurin alpha [CC-6]: IgG

<b>Catalogue No.:</b>	M-975-100
<b>Description:</b>	Calcineurin is a major calmodulin binding protein in the brain. It is a holoenzyme composed of a calmodulin binding subunit, a catalytic alpha subunit (calcineurin A) and a calcium binding beta subunit (calcineurin B). The calcineurin A subunit has at least two isoforms in bovine brain; alpha 1 (61 kDa) and alpha 2 (59 kDa). This antibody reacts with the isoforms of the calcineurin A subunit.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Bovine brain Calcineurin
<b>Clone:</b>	CC-6
<b>Other Names:</b>	CNA; CALNA; PPP3CA;
<b>Accession:</b>	P48452 PP2BA_BOVIN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.25-0.50 ug/mL is recommended for WB. Bovine Calcineurin alpha has a predicted length of 521 aa and MW of 59 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect Calcineurin alpha in formalin fixed and paraffin embedded tissues. 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 and IHC against the antigen.
<b>Cross-reactivity:</b>	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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