

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

Catalogue No.:	M-975-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Bovine brain Calcineurin
Clone:	CC-6
Other Names:	CNA; CALNA; PPP3CA;
Accession:	P48452 PP2BA_BOVIN
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Rat;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase

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