

## Mouse monoclonal antibody to Cadherin-2 [NC-17]: IgG

<b>Catalogue No.:</b>	M-1170-100
<b>Description:</b>	Cadherin-2 or Neural Cadherin is a member of the cadherin family of proteins that mediate calcium ion-dependent cell adhesion. Other members include E-cadherin and P-cadherin. Cadherin-2 is expressed in the brain and skeletal and cardiac muscle. Cadherin-2 has been identified as a potential prognostic marker for a number of tumours.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Full length purified chicken heart Cadherin-2
<b>Clone:</b>	NC-17
<b>Other Names:</b>	Cadherin-2; Neural Cadherin; N-cadherin; CDw325; CD325; CDH2; CDHN; NCAD;
<b>Accession:</b>	P19022 CADH2_HUMAN; P10288 CADH2_CHICK;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 2.0 ug/mL is recommended for WB. Human Cadherin-2 (precursor) has a predicted length of 906 residues and MW of 100 kDa. A concentration of 4.0 ug/mL is recommended for IHC to detect the protein in formalin/acetone fixed 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>	Human; mouse; rat; rabbit; chicken;
<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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