



Mouse monoclonal antibody to pan Cadherin [PC-79]: IgG

Catalogue No.:	M-1211-100
Description:	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Cadherins are transmembrane glycoproteins that mediate calcium ion-dependent cell adhesion. The cadherin family includes N-, P-, R-, B- and E-cadherins which are found in adherens junctions.
Replaced by:	M-1740-100
Batch No.:	See product label
Unit size:	100 μ g
Antigen:	A synthetic peptide of 24 residues conjugated to KLH corresponding to a region at the C-terminus of chicken N-Cadherin.
Other Names:	CDH; N-cadherin; Neural Cadherin; Cadherin-2; P-cadherin; R-cadherin; B-cadherin; E-cadherin;
Accession:	P19022 CADH2_HUMAN; P10288 CADH2_CHICK;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 μ g/ml is recommended for WB. Human N-Cadherin has a predicted length of 906 residues and MW of 100 kDa. A concentration of 2.0-4.0 μ g/ml is recommended for IHC to detect the protein 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:	Human; mouse; rat; rabbit; chicken; snake;
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 μ g/ml. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 4 $^{\circ}$ C (lyophilized formulations). After reconstitution, aliquot and store at -20 $^{\circ}$ C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY