



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

Catalogue No.: M-1170-100

Description:

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.

Batch No.: See product label

Unit size: 100 ug

Antigen: Full length purified chicken heart Cadherin-2

Clone: NC-17

Other Names: Cadherin-2; Neural Cadherin; N-cadherin; CDw325; CD325; CDH2; CDHN; NCAD;

Accession: P19022 CADH2_HUMAN; P10288 CADH2_CHICK;

Produced in: Mouse

Purity: IgG

Applications: 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.

Specificity: The specificity of this antibody has been confirmed by WB and IHC against the antigen.

Cross-reactivity: Human; mouse; rat; rabbit; chicken;

Form: Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3

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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