

## Monoclonal Mouse Antibody to Pan-Cadherin

<b>Catalog No.:</b>	Mob 228, Mob 228-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	Synthetic peptide corresponding to the C-terminal amino acids of chicken N-Cadherin with extra N-terminal lysine residue.
<b>Clone:</b>	CH-19
<b>Isotype:</b>	IgG1
<b>Format:</b>	This antibody is supplied as diluted ascites containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Proteolytic treatment prior to immunostaining is required.</u>
<b>Specificity:</b>	This antibody reacts with pan cadherin with a distinct 135 kD band in a wide variety of tissues. Cadherins are members of a multigene family of single chain glycoprotein receptors mediating Ca <sup>2+</sup> dependent cell-cell adhesion. This antibody cross reacts with wide variety of mammalian species.
<b>Positive Control:</b>	Tonsil
<b>Cellular Localization:</b>	Cell membrane
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Geiger et al. J cell Sciences 97: 607, 1990. ii) Grunwald et al. Curr Opin Cell Biol 5: 797, 1993. iii) Takeichi et al. Development 102: 639, 1988.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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