

## Rabbit Polyclonal Antibody to Pan Cadherin

<b>Catalog No.:</b>	RP 133, RP 133-05
<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>	A synthetic peptide from the c-terminus of chicken N-cadherin.
<b>Host:</b>	Rabbit
<b>Format:</b>	Purified immunoglobulin fraction of rabbit antiserum against pan cadherin 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>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Specificity:</b>	This antibody reacts with 120 kD protein. Cadherins are calcium dependent cell adhesion molecules which play an important role in the growth and development of cells. In adhesion junctions cadherins are bound to $\beta$ and $\lambda$ catenins, which in turn bind to $\alpha$ catenin. Cadherins play an important role in tumor invasion and metastasis. This antibody crossreacts with mouse, rat, chicken, dog, monkey, and <i>xenopus</i> .
<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.

### 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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