N-Cadherin
Recombinant Rabbit Monoclonal Antibody
Product Datasheet

Catalog# BX50090

Clone# BP6095

Predicted Molecular Wt:	100kDa	**Purity:**	ProA affinity purified IgG
Species Cross-reactivity:	Human	**Form:**	Liquid
Applications:	IHC-P	**Swissprot ID:**	P19022

Background:

N-Cadherin is a member of the cadherin family of calcium dependent cell adhesion molecules. Cadherins play an important role in cell-cell adhesion, and are implicated in segregation and aggregation of tissues during development. N-Cadherin is reported to be expressed in various cell types including neural, myocardial and mesenchymal cells.

N-cadherin is useful to classification of malignant noncarcinomatous neoplasms including mesotheliomas, chordomas, synovial sarcomas, malignant melanomas, epithelioid sarcomas, epithelioid angiosarcomas, clear cell sarcomas as well as serous and endometrioid tumors of the ovary.

Subcellular location:

Cell Membrane/Cytoplasm

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide corresponding to residues within C-Term of N-Cadherin was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:
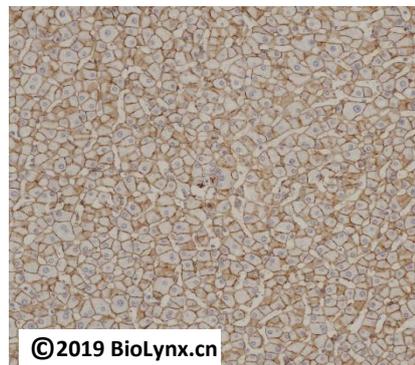
-25°C to -18°C

Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Rai H , Ahmed J. Internet Journal of Oncology, 2014, 10(1).

2. Thirkettle I , Harvey P , Hasleton P S , et al. Histopathology, 2010, 36(6):522-528.

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of liver labelling N-Cadherin with BP6095. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Product QC'd by: