

## Pan-Cadherin polyclonal antibody

Catalog: BS91014

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Cadherins comprise a family of Ca<sup>2+</sup>-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. The classical cadherins, E-, N- and P-cadherin, consist of large extracellular domains characterized by a series of five homologous NH<sub>2</sub> terminal repeats. The most distal of these cadherins is thought to be responsible for binding specificity, transmembrane domains and carboxy terminal intracellular domains. The relatively short intracellular domains interact with a variety of cytoplasmic proteins, such as -catenin, to regulate cadherin function. Members of this family of adhesion proteins include rat cadherin K (and its human homolog, cadherin, R-cadherin, B-cadherin, E/P cadherin and cadherin-5.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

140 kDa

### Swiss-Prot:

P12830(Human) P19022(Human) P22223(Human)  
P33151(Human) P55283(Human) P39038(Mouse)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:5,000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

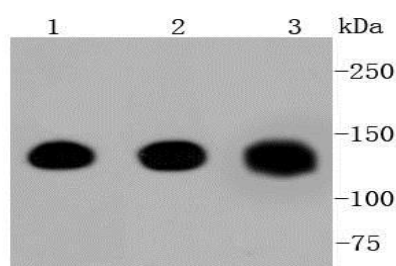
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

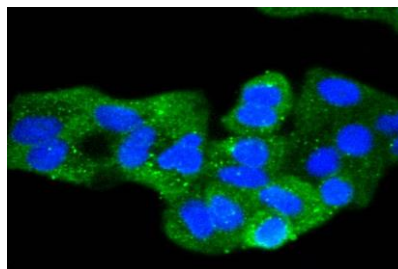
### Specificity:

Pan-Cadherin polyclonal antibody detects endogenous levels of Pan-Cadherin protein.

### DATA:



Western blot analysis of Pan-Cadherin on different lysates using anti-Pan-Cadherin antibody at 1/1,000 dilution. Positive control: Lane 1: Human heart Lane 2: Mouse heart Lane 3: Rat heart



ICC staining Pan-Cadherin in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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