

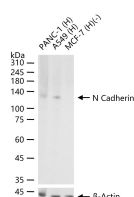
bsm-52389R**[Primary Antibody]****N Cadherin Recombinant Rabbit mAb****Bioss**
ANTIBODIES

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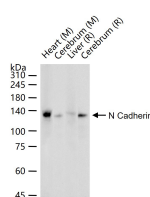
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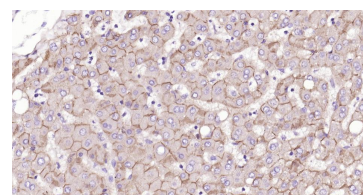
400-901-9800

DATASHEET**Host:** Rabbit**Clonality:** Recombinant**GeneID:** 1000**Target:** N Cadherin**Immunogen:** A synthesized peptide derived from human Cadherin 2: 160-200.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product.**Isotype:** IgG**CloneNo.:** 5G1**SWISS:** P19022**Applications:** WB (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 100 kDa**Observed MW.:** 130 kDa**Subcellular Location:** Cell membrane**VALIDATION IMAGES**

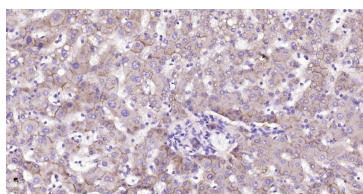
25 ug total protein per lane of various lysates (see on figure) probed with N Cadherin monoclonal antibody, unconjugated (bsm-52389R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



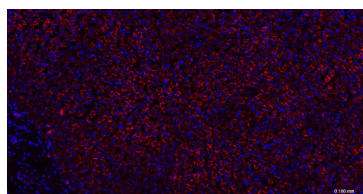
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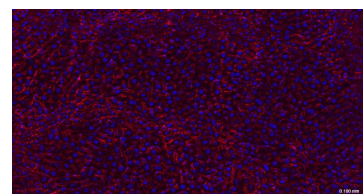
Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with N Cadherin Monoclonal Antibody, Unconjugated(bsm-52389R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with N Cadherin Monoclonal Antibody, Unconjugated(bsm-52389R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N Cadherin Monoclonal Antibody, Unconjugated (bsm-52389R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N Cadherin Monoclonal Antibody, Unconjugated (bsm-52389R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

— SELECTED CITATIONS —

- **[IF=4.1]** Jimusi. et al. L-theanine's therapeutic effects on colorectal cancer: Mechanistic insights from a 1,2-dimethylhydrazine-induced rat model. TRANSL ONCOL. 2026 Jan;63:102609 WB ;Rat. 41275707
- **[IF=2.9]** Wu Chenzhuo. et al. USP14 promotes epithelial-mesenchymal transition and functions as a multifaceted biomarker in lung adenocarcinoma. Discov Oncol. 2026 Feb;; WB ;Human. 41723339
- **[IF=0]** Chao Wang. et al. RBMX2: A Pivotal Regulator Linking Mycobacterium bovis Infection to Epithelial-Mesenchymal Transition and Lung Cancer Progression. ELIFE. 2025 Sep WB ;Bovine. 10.7554/eLife.107132.2