

# Product Datasheet

## E-Cadherin Antibody (056) - Azide and BSA Free NBP2-89338-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-89338-100ul**

E-Cadherin Antibody (056) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	056
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.2 um filtered solution in PBS

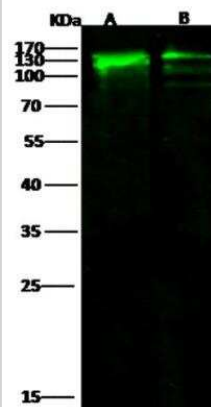
<b>Product Description</b>	
<b>Description</b>	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
<b>Host</b>	Rabbit
<b>Gene ID</b>	999
<b>Gene Symbol</b>	CDH1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human E-Cadherin (Accession#: NP_004351.1; Met1-Ile707).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Immunoprecipitation 4-8 uL/mg of lysate

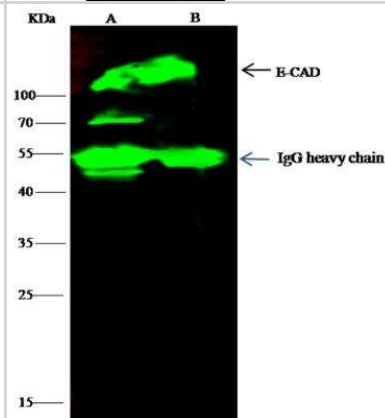


## Images

Western Blot: E-Cadherin Antibody (056) [NBP2-89338] - Lane A: MCF7 Whole Cell Lysate Lane B: A431 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:97 kDa Observed band size:130 kDa



Immunoprecipitation: E-Cadherin Antibody (056) [NBP2-89338] - Lane A:0.5 mg MCF-7 Whole Cell Lysate Lane B:0.5 mg A431 Whole Cell Lysate 4 uL anti-E-cad rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-E-cad rabbit monoclonal antibody, at 1:100 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 97 kDa Observed band size: 97 kDa



## Publications

Kurter H, Basbinar Y, Ellidokuz H, Calibasi-Kocal G The Role of Cyanidin-3-O-glucoside in Modulating Oxaliplatin Resistance by Reversing Mesenchymal Phenotype in Colorectal Cancer Nutrients 2023-11-07 [PMID: 38004099] (ICC/IF, Human)

Serttas R, Erdogan S Pretreatment of prostate cancer cells with salinomycin and Wnt inhibitor increases the efficacy of cabazitaxel by inducing apoptosis and decreasing cancer stem cells Medical oncology (Northwood, London, England) 2023-06-01 [PMID: 37264204]

Kudva I, Biernbaum E, Cassmann E, Palmer M Bovine Rectoanal Junction In Vitro Organ Culture Model System to Study Shiga Toxin-Producing Escherichia coli Adherence Microorganisms 2023-05-15 [PMID: 37317263]

Ring NAR, Dworak H, Bachmann B et al. The p-rpS6-zone delineates wounding responses and the healing process Developmental cell 2023-04-18 [PMID: 37098351] (IHC, Porcine)

Liang X, Qiu X, Ma Y et al. KRT18 regulates trophoblast cell migration and invasion that are essential for embryo implantation Research Square 2023-01-31 (KD, ICC/IF, WB, Mouse)

Watanabe S, Ogasawara N, Kobayashi S et al. Organoids transplantation as a new modality to design epithelial signature to create a membrane-protective sulfomucin-enriched segment Journal of gastroenterology 2023-02-06 [PMID: 36745238]

Jiang Z, Ma X, Luan X et al. BMI-1 activates hepatic stellate cells to promote EMT of colorectal cancer cells Research Square 2022-12-13 (WB, Human)

Wang L, Peng Q, Xie Y et al. Cell-cell contact-driven EphB1 cis- and trans- signalings regulate cancer stem cells enrichment after chemotherapy Cell death & disease 2022 Nov 19 [PMID: 36402751]

Shi F, Sun M, Zhou Z et al. Tumor-associated macrophages in direct contact with prostate cancer cells promote malignant proliferation and metastasis through NOTCH1 pathway International Journal of Biological Sciences Oct 18 2022 12:00AM [PMID: 36439868] (IHC-P, Human)

Mossa A, Cammisotto PG, Velasquez-Flores M, Campeau L Adaptation to partial urethral obstruction in healthy aging LOU rats and the role of nerve growth factor signaling pathway in the bladder Experimental gerontology Nov 13 2021 12:00AM [PMID: 34780930]





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### Products Related to NBP2-89338-100ul

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-84588PEP	E-Cadherin Recombinant Protein Antigen

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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