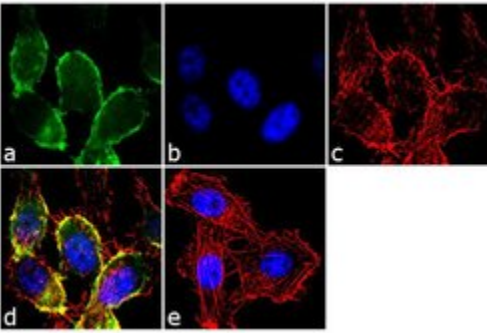


CDH11 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Pig, Rat, Chemical, Bovine, Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein derived from the intracellular domain of the human Cadherin 11 protein.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage Conditions	-20°C
RRID	AB_2533995

Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	6 Publications
Immunohistochemistry (IHC)	Assay Dependent	6 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	3 Publications
ELISA (ELISA)	Assay Dependent	-
Immunocytochemistry (ICC/IF)	2 µg/mL	3 Publications
Miscellaneous PubMed (Misc)	-	2 Publications

Product Images For CDH11 Polyclonal Antibody

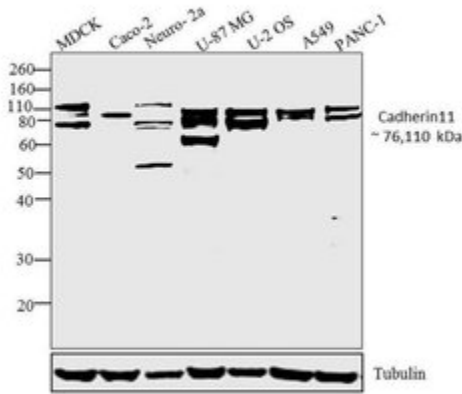


CDH11 Antibody (71-7600) in ICC/IF

Immunofluorescence analysis of CDH11/Cadherin OB was performed using 70% confluent log phase PC-3 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with CDH11 /Cadherin OB Rabbit Polyclonal antibody (Product # 71-7600) at 2 µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor® 555 Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing membranous localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.

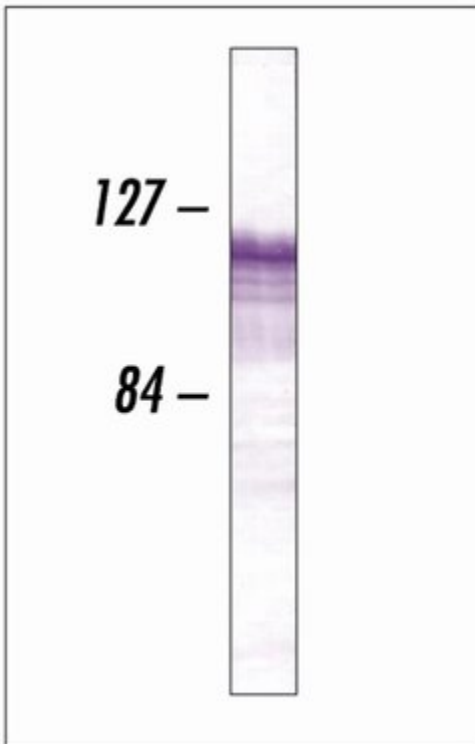
CDH11 Antibody (71-7600) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of MDCK (Lane 1), Caco-2 (Lane 2), Neuro-2a (Lane 3), U-87 MG (Lane 4), U-2 OS (Lane 5), A549 (Lane 6) and PANC 1 (Lane 7). The blots were probed with Anti-Cadherin11 Rabbit Polyclonal Antibody (Product # 71-7600, 1-2 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 1:2500 dilution). A ~ 76 and 110 kDa band corresponding to Cadherin11 was observed across cell lines except Caco-2 and A549, where only 76 kDa band was seen. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 10 % Bis-Tris gel (Product # NP0302BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with Pierce™ Power Blotter System (Product # 22834). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



CDH11 Antibody (71-7600) in WB

Western blot of MDA MB231 cell lysate using Rabbit anti Cadherin 11 polyclonal antibody (Product # 71-7600)



View more figures on thermofisher.com

20 References

Western Blot (6)

Arthritis research & therapy

Evidence for cadherin-11 cleavage in the synovium and partial characterization of its mechanism.

"71-7600 was used in immunoprecipitation and western blot to study cadherin-11 extracellular domain fragments in rheumatoid arthritis"

Authors: Noss EH,Watts GF,Zocco D,Keller TL,Whitman M,Blobel CP,Lee DM,Brenner MB

Species
Human

Dilution
Not Cited

Year
2015

Development (Cambridge, England)

p120 catenin is required for normal renal tubulogenesis and glomerulogenesis.

"71-7600 was used in immunohistochemistry to investigate the role of cadherin regulator p120 catenin to the development of kidney tubules."

Authors: Marciano DK,Brakeman PR,Lee CZ,Spivak N,Eastburn DJ,Bryant DM,Beaudoin GM,Hofmann I,Mostov KE,Reichardt LF

Species
Mouse

Dilution
1:100

Year
2011

[View more WB references on thermofisher.com](#)

Immunohistochemistry (6)

Oncogene

Gene expression profiling of human colon xenograft tumors following treatment with SU11248, a multitargeted tyrosine kinase inhibitor.

Authors: Morimoto AM,Tan N,West K,McArthur G,Toner GC,Manning WC,Smolich BD,Cherrington JM

Species
Human
Chemical
Rat

Dilution
Not Cited
Not Cited
Not Cited

Year
2004

Brain research bulletin

Induction of corneal myofibroblasts by lens-derived transforming growth factor beta1 (TGFbeta1): a transgenic mouse model.

"71-7600 was used in immunohistochemistry - paraffin section to determine the effects of TGFbeta1 on postnatal corneal development and homeostasis"

Authors: Reneker LW,Bloch A,Xie L,Overbeek PA,Ash JD

Species
Not Applicable

Dilution
Not Cited

Year
2010

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

IHC (P) (3)

ICC/IF (3)

Misc (2)

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