

CDH17 Recombinant Rabbit Monoclonal Antibody (029)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	029
Conjugate	Unconjugated
Immunogen	Recombinant Human Cadherin-17/LI-cadherin/CDH17 protein (Met1-Met787)
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2785059

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:500	-
Immunocytochemistry (ICC/IF)	1:100	-

Product Specific Information

This product is preservative free. It is recommended to add sodium azide to avoid contamination (final concentration 0.05% -0.1%).

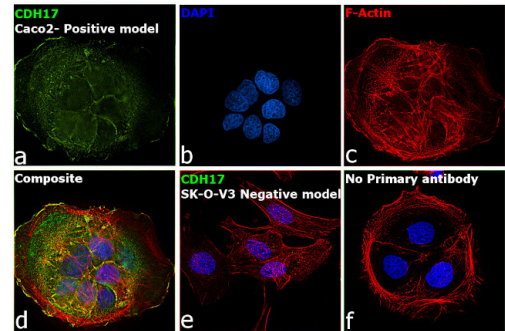
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

This antibody has specificity for Human Cadherin-17/LI-cadherin/CDH17.

Product Images For CDH17 Recombinant Rabbit Monoclonal Antibody (029)

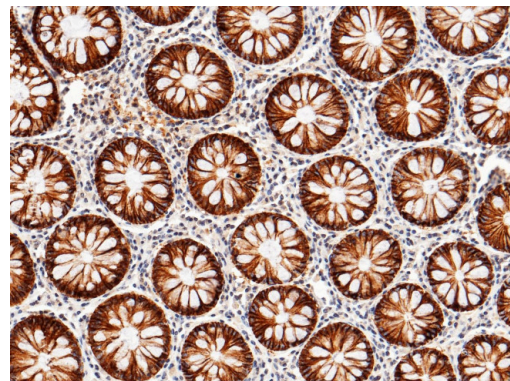
CDH17 Antibody (MA5-29136) in ICC/IF

Immunofluorescence analysis of Cadherin-17 was performed using 70% confluent log phase Caco-2 and SK-OV-3 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with CDH17 Recombinant Rabbit Monoclonal Antibody (Product # MA5-29136) at 1:100 in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1: 2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Plasma membrane localization only in Caco-2 cells and not in SK-OV-3 cells (Panel e) which is shown to be low to negative for CDH17 expression. Panel f represents control cells with no primary antibody to assess the background. The images were captured at 60X magnification.



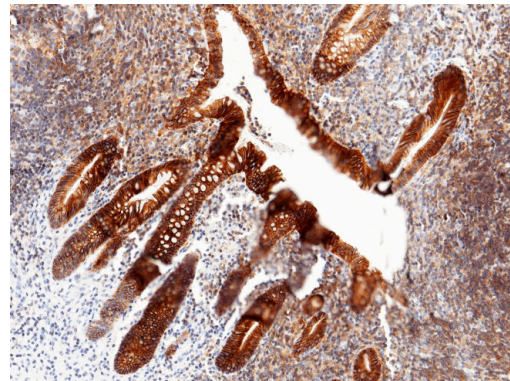
CDH17 Antibody (MA5-29136) in IHC (P)

Immunohistochemical staining of human CDH17 in human rectal carcinoma with CDH17 Recombinant Rabbit Monoclonal Antibody (29) (Product # MA5-29136, 1: 200, formalin-fixed paraffin embedded sections). Positive staining was localized to intestinal gland.



CDH17 Antibody (MA5-29136) in IHC (P)

Immunohistochemical staining of human CDH17 in human appendix with CDH17 Recombinant Rabbit Monoclonal Antibody (29) (Product # MA5-29136, 1:200, formalin-fixed paraffin embedded sections). Positive staining was localized to intestinal gland.



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