

N-cadherin Recombinant Rabbit Monoclonal Antibody (020)

Product Details

Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	020
Conjugate	Unconjugated
Immunogen	Recombinant Human N-Cadherin/CD325/CDH2 Protein (Met1-Ala724)
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_2785062

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	1:20-1:100	-
Flow Cytometry (Flow)	1:25-1:100	-
ELISA (ELISA)	1:5,000-1:10,000	-

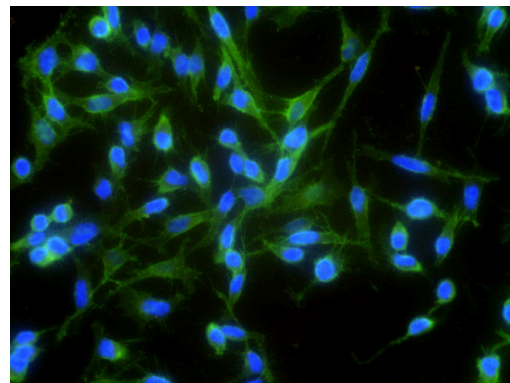
Product Specific Information

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.

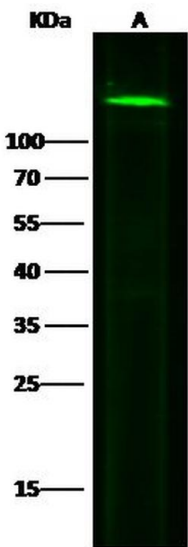
This antibody has specificity for Human N-Cadherin/CD325/CDH2.

Product Images For N-cadherin Recombinant Rabbit Monoclonal Antibody (020)



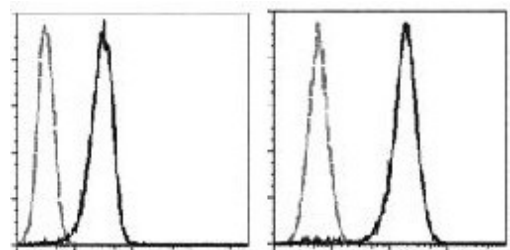
N-cadherin Antibody (MA5-29140) in ICC/IF

Immunofluorescence staining of Human N-cadherin in HeLa cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with N-cadherin Recombinant Rabbit Monoclonal Antibody (20) (Product # MA5-29140, 1:60). Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to membrane.



N-cadherin Antibody (MA5-29140) in WB

Western Blot using N-cadherin Recombinant Rabbit Monoclonal Antibody (20) (Product # MA5-29140) at 1:500 dilution. Lane A: HeLa Whole Cell Lysate. Lysates/proteins at 30 g per lane. Secondary Goat Anti-Rabbit IgG H&L (DyLight™ 800) at 1:10,000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 99 kDa. Observed band size: 130 kDa.



N-cadherin Antibody (MA5-29140) in Flow

Flow cytometry analysis of N-Cadherin on HeLa cells. HeLa cells were harvested with (Left) or without (Right) trypsinization [please note, the epitope is sensitive to trypsin] and stained with either purified Rabbit IgG isotype control (dashed line) or N-cadherin Recombinant Rabbit Monoclonal Antibody (20) (Product # MA5-29140), followed by a FITC-conjugated Secondary antibody.

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