

Anti-N-cadherin Antibody (5H586)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 100 kDa. Actual: 135 kDa.
Clone:	5H586
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
2. 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 (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Rat Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
9. Paraformaldehyde-fixed, paraffin embedded Human Prostate Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.

10. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with N-cadherin Monoclonal Antibody, Unconjugated (TMAB-09266) at 1:800 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.

11. 25 µg total protein per lane of various lysates (see on figure) probed with N Cadherin monoclonal antibody, unconjugated (TMAB-09266) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB=1:1000-5000,IHC-P=1:200-1000,IHC-F=1:200-1000,IF=1:200-1000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human N-cadherin protein

Antigen Species: Human

Gene ID: 1000

Uniprot ID: P19022

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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