

N-Cadherin (ABT-CDH2) Mouse mAb

CatalogNo: YM4937

Recombinant Orthogonal Validated 

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 100kD (Calculated)
110kD (Observed)

Isotype

- Mouse IgG2b/Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:100-500**WB 1:500-2000****IF 1:100-500****ELISA 1:1000-5000**

Basic Information

Clonality Monoclonal**Clone Number** ABT-CDH2

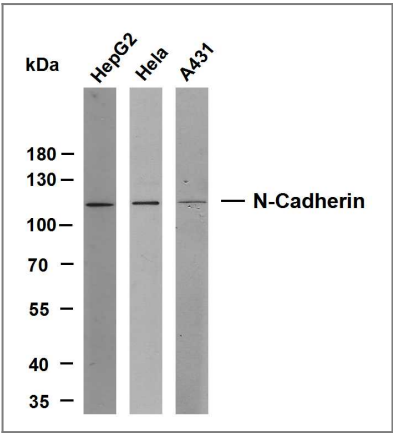
Immunogen Information

Immunogen Synthesized peptide derived from human N-Cadherin AA range: 200-400**Specificity** This antibody detects endogenous levels of N-Cadherin protein.

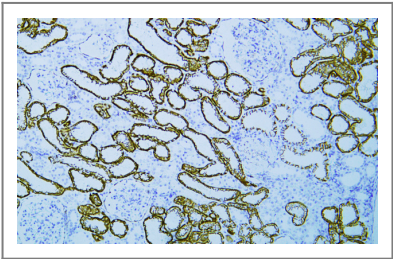
Target Information

Gene name	CDH2 CDHN NCAD		
Protein Name	Cadherin-2 (CDw325) (Neural cadherin) (N-cadherin) (CD antigen CD325)		
	Organism	Gene ID	UniProt ID
	Human	1000;	P19022;
	Mouse	12558;	P15116;
	Rat	83501;	Q9Z1Y3;
Cellular Localization	Membranous		
Tissue specificity	Brain ,Epithelium ,Liver ,		
Function	Function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH2 may be involved in neuronal recognition mechanism. ,similarity:Contains 5 cadherin domains. ,subunit:Interacts with CDCP1. ,		

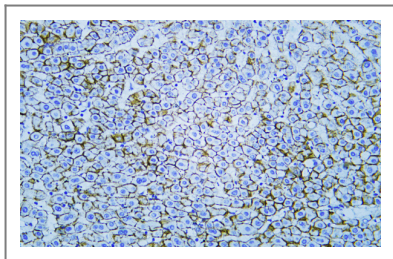
Validation Data



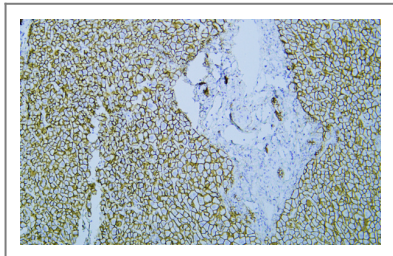
Various whole cell lysates were separated by 8% SDS-PAGE, and the membrane was blotted with anti-N-Cadherin (ABT-CDH2) antibody. The HRP-conjugated Goat anti-Mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: HepG2 Lane 2: HeLa Lane 3: A431



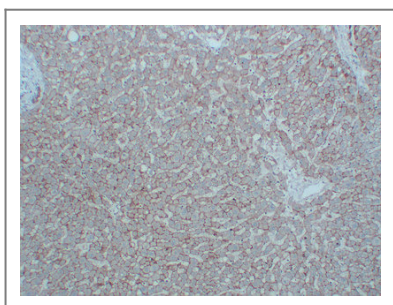
Human Kidney tissue was stained with Anti-N-Cadherin (ABT-CDH2) Antibody



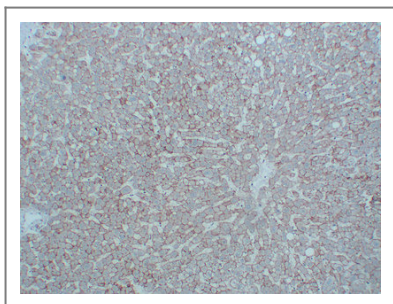
Human liver tissue was stained with Anti-N-Cadherin (ABT-CDH2) Antibody



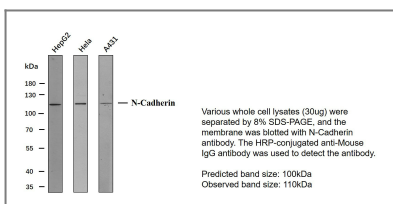
Human liver tissue was stained with Anti-N-Cadherin (ABT-CDH2) Antibody



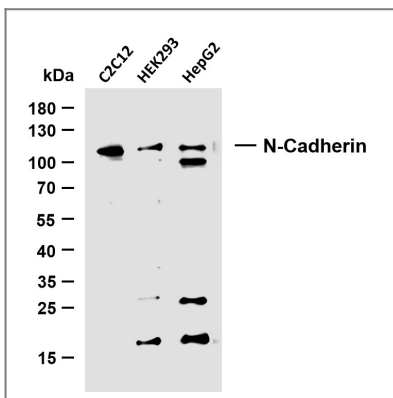
Immunohistochemical analysis of paraffin-embedded Liver. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min).



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Western blot analysis of N-CadherinAntibody at 1:1000 dilution.



Various whole cell lysates were separated by 15% SDS-PAGE, and the membrane was blotted with anti-N-Cadherin (ABT-CDH2) antibody. The HRP-conjugated Goat anti-Mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: C2C12 Lane 2: HEK293 Lane 2: HepG2

| Contact information

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CDH2) Mouse mAb**

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