

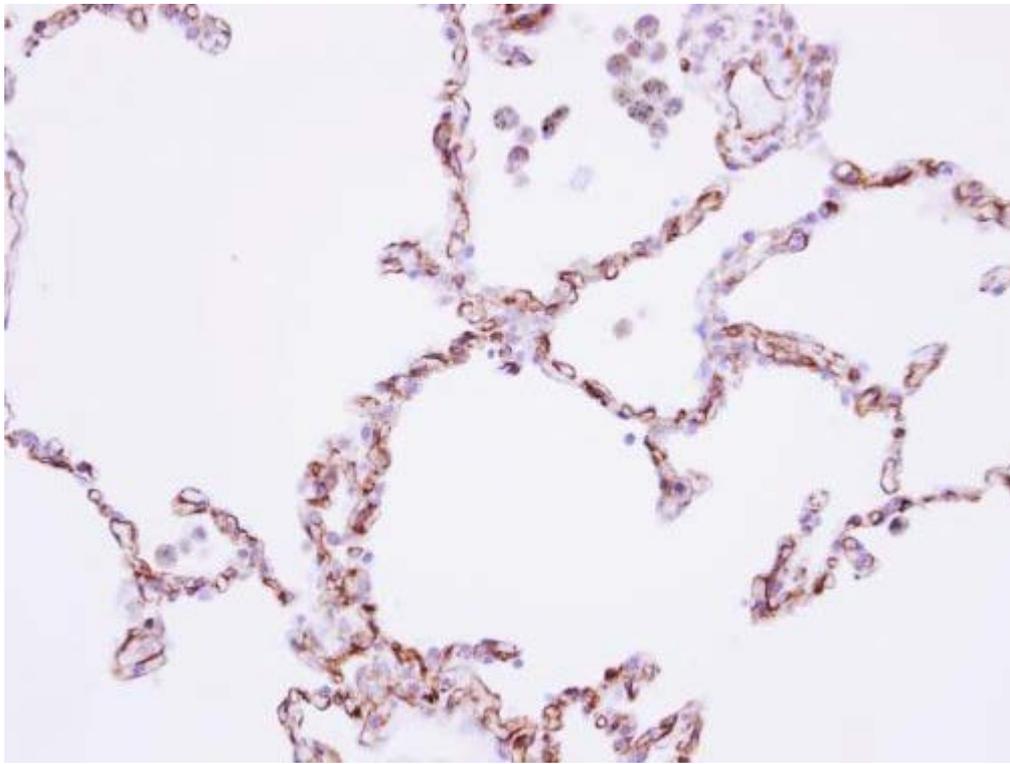


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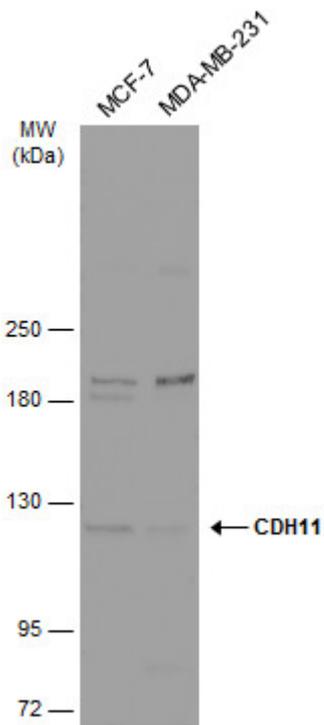
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Date : 2018/08/02

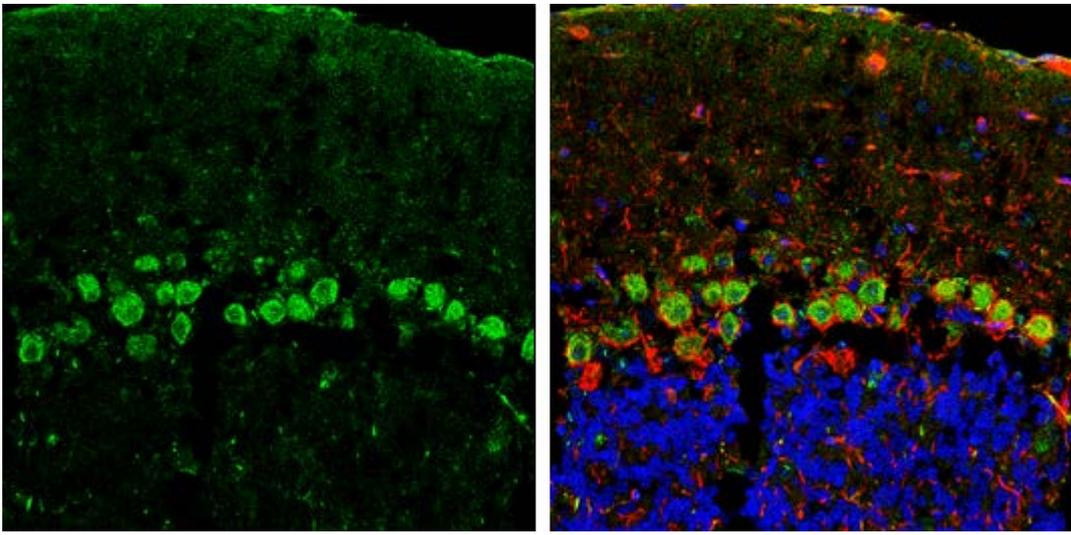
Catalog Number	GTX109792	Package:25 ul,100 ul												
Product Name	CDH11 antibody													
Full Name	cadherin 11, type 2, OB-cadherin (osteoblast)													
Synonyms	CAD11 antibody, CDHOB antibody, OB antibody, OSF-4 antibody, CDH11 antibody, cadherin-11 antibody, "cadherin 11, type 2, OB-cadherin (osteoblast) antibody"													
Background	<p>This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance. [provided by RefSeq]</p>													
Host	Rabbit													
Clonality	Polyclonal													
Isotype	IgG													
Immunogen	Recombinant protein encompassing a sequence within the center region of human CDH11. The exact sequence is proprietary.													
Antigen Species	Human													
Species Reactivity	Human, Mouse													
Predicted Cross Reactivity species	Rat, Zebrafish, Xenopus laevis, Pig, Chicken, Rhesus Monkey, Bovine													
Predict Reactivity Note	Rat (100%), Zebrafish (82%), Xenopus laevis (92%), Pig (99%), Chicken (96%), Rhesus Monkey (99%), Bovine (100%)													
Applications	IHC-Fr, IHC-P, WB													
Application Note		<table border="0"> <thead> <tr> <th></th> <th>Suggested dilution</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>IHC (Frozen sections)</td> <td>1:100-1:1000*</td> <td></td> </tr> <tr> <td>IHC (Formalin-fixed paraffin-embedded sections)</td> <td>1:100-1:1000*</td> <td></td> </tr> <tr> <td>Western Blot (WB)</td> <td>1:500-1:3000*</td> <td></td> </tr> </tbody> </table> <p>Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.</p>		Suggested dilution	Reference	IHC (Frozen sections)	1:100-1:1000*		IHC (Formalin-fixed paraffin-embedded sections)	1:100-1:1000*		Western Blot (WB)	1:500-1:3000*	
	Suggested dilution	Reference												
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IHC (Formalin-fixed paraffin-embedded sections)	1:100-1:1000*													
Western Blot (WB)	1:500-1:3000*													
Positive Controls	MCF-7 , MDA-MB-231 , mouse brain													
Predicted Target Size	88 kDa													
Cellular Localization	Cell membrane													
Conjugation	Unconjugated													
Form Supplied	Liquid													
Purification	Purified by antigen-affinity chromatography.													
Concentration	1.21 mg/ml (Please refer to the vial label for the specific concentration)													
Storage Buffer	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.													
Storage Instruction	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.													
Notes	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.													
ResearchArea	Cancer > Type of cancer > Head and Neck > Esophageal Cancer > Type of cancer > Head and Neck > Laryngeal Cancer > Type of cancer > Head and Neck > Pharyngeal													



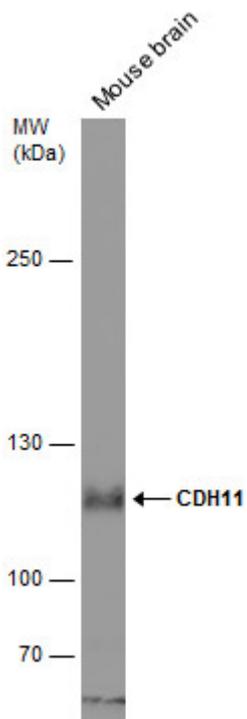
- GTX109792 IHC-P Image
- Immunohistochemical analysis of paraffin-embedded human normal lung, using OB-cadherin(GTX109792) antibody at 1:250 dilution.



- GTX109792 WB Image
- Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with CDH11 antibody (GTX109792) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



- GTX109792 IHC-Fr Image
- CDH11 antibody detects CDH11 Protein expression by immunohistochemical analysis.
Sample: Frozen-sectioned adult mouse cerebellum.
Green: CDH11 stained by CDH11 antibody (GTX109792) diluted at 1:250.
Red: NF-H, stained by NF-H antibody [GT114] (GTX634289) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



- GTX109792 WB Image
- Mouse tissue extract (50 μ g) was separated by 5% SDS-PAGE, and the membrane was blotted with CDH11 antibody (GTX109792) diluted at 1:1000.