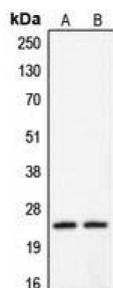


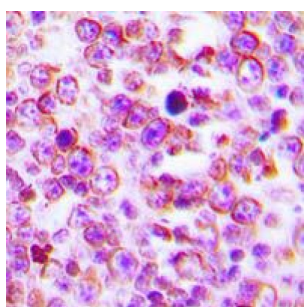
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Claudin 2 (CLDN2) Antibody

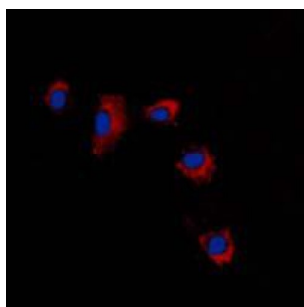
Catalogue No.: abx008463



Western blot analysis of Claudin 2 expression in HeLa (A); A431 (B) whole cell lysates.



Immunohistochemical analysis of Claudin 2 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Claudin 2 staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Claudin 2 Antibody is a Rabbit Polyclonal antibody against Claudin 2.

Target: Claudin 2 (CLDN2)

Reactivity: Human, Mouse, Rat, Cow, Dog, Pig

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/1000, IHC: 1/100 - 1/200, IF/ICC: 1/100 - 1/500. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Claudin 2. The exact sequence is proprietary.

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Form:	Liquid
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	P57739 O88552
GeneID:	9075 12738
Gene Symbol:	CLDN2
Buffer:	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Note:	This product is for research use only.