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anti-Claudin 2 antibody (C-Term)

Images



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Quantity:	50 µg
Target:	Claudin 2 (CLDN2)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details	
Brand:	IHC-plus™
Immunogen:	A synthetic peptide corresponding to a 26 amino acid sequence at the C-terminus of the mouse Claudin-2 protein.
	Type of Immunogen: Synthetic peptide
Isotype:	lgG2b
Specificity:	Reacts with the ~22-23kD Claudin-2 protein. This antibody is confirmed reactive with human, mouse, rat and canine. Reactivity is confirmed from extracts of liver and kidney tissues in all four species as well as MDCK and Caco-2 cell lysates. Reactivity with other species has not been determined.
Purification:	Protein A purified

Target Details

Target:	Claudin 2 (CLDN2)
Alternative Name:	CLDN2 / Claudin 2 (CLDN2 Products)
Background:	Name/Gene ID: CLDN2 Family: Claudin
	Synonyms: CLDN2, Claudin 2, SP82, Claudin-2
Gene ID:	9075
Gene ID: UniProt:	

Application Details

Application Notes:	Approved: IF, IHC, IHC-P (10 μg/mL), WB	
	Usage: Suitable for use in Immunofluorescence, Western Blot and Immunohistochemistry. Immunofluorescence (Rat): 1-3 μ g/mL. Western Blot (Human, mouse, rat, canine): 1-3 μ g/mL. Immunohistochemistry (Formalin-fixed paraffin embedded tissues): 1-2 μ g/mL, Confirmed with human normal colon, spleen and thyroid, colon and breast cancer tissues. Heat induced epitope retrieval with EDTA buffer, pH 8, is required prior to staining.	
Comment: Restrictions:	Target Species of Antibody: Mouse For Research Use only	

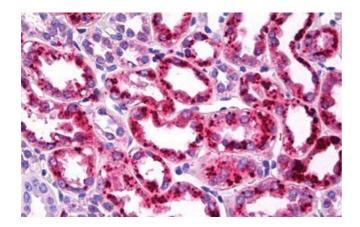
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C

Storage Comment:

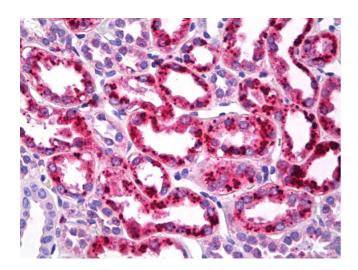
Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-CLDN2 / Claudin 2 antibody IHC staining of human kidney, tubules. Immunohistochemistry of formalinfixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1100819 dilution 10 ug/ml.



Immunohistochemistry

Image 2. Anti-CLDN2 / Claudin 2 antibody IHC of human kidney, tubules. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10 ug/ml.