

## Claudin 2 mouse mAb(PT0311) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A12535	Mouse/IgG2b, Kappa	1 mg/ml	
<b>Applications</b>	IHC,WB		
<b>Reactivity</b>	Human		
<b>Dilution</b>	IHC 1:100-300, WB 1:500-2000		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	This antibody detects endogenous levels of human Claudin 2		
<b>Source / Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.		
<b>Immunogen</b>	Synthesized peptide derived from human Claudin 2		
<b>Uniprot No</b>	P57739		
<b>Alternative names</b>	Claudin-2 (SP82)		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Monoclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	<p>claudin 2(CLDN2) Homo sapiens This gene product belongs to the claudin protein family whose members have been identified as major integral membrane proteins localized exclusively at tight junctions. Claudins are expressed in an organ-specific manner and regulate tissue-specific physiologic properties of tight junctions. This protein is expressed in the intestine. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene.[provided by RefSeq, Jan 2010],</p>		
<b>Other</b>	CLDN2 PSEC0059 SP82 UNQ705/PRO1356, Claudin 2		
<b>Product Images:</b>			

Application Key:

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WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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