



Claudin-18 mouse mAb

Catalog No	YP-mAb-15717
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CLDN18 UNQ778/PRO1572
Protein Name	Claudin-18
Immunogen	Synthesized peptide derived from human Claudin-18. AA:70-100
Specificity	This antibody detects endogenous levels of Human Claudin-18
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Claudin-18
Observed Band	29kD
Cell Pathway	Cell junction, tight junction . Cell membrane ; Multi-pass membrane protein . Localizes to tight junctions in epithelial cells. .
Tissue Specificity	Isoform A1: Expression is restricted to the lung (PubMed:19047087). Isoform A2: Expression is restricted to the stomach mucosa where it is predominantly observed in the epithelial cells of the pit region and the base of the gastric glands including exocrine and endocrine cells (at protein level) (PubMed:19047087).
Function	function:Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.,similarity:Belongs to the claudin family.,tissue specificity:Concentrated at the cell-cell borders of epithelial cells.,
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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