

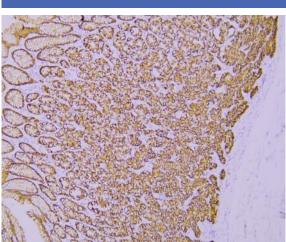
## Claudin 18 (ABT185R) rabbit mAb

| Catalog No :             | YM7264   |
|--------------------------|--|
| Reactivity :             | Human;   |
| Applications :           | IHC; ELISA   |
| Target :                 | Claudin 18   |
| Fields :                 | >>Cell adhesion molecules;>>Tight junction;>>Leukocyte transendothelial migration;>>Pathogenic Escherichia coli infection;>>Hepatitis C  |
| Gene Name :              | CLDN18   |
| Protein Name :           | Claudin 18   |
| Human Gene Id :          | 51208  |
| Human Swiss Prot<br>No : | P56856   |
| Immunogen :              | Synthesized peptide derived from human Claudin 18 AA range:150-261   |
| Specificity :            | This antibody detects endogenous levels of Claudin 18  |
| Formulation :            | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA   |
| Source :                 | Monoclonal, Rabbit IgG1, Kappa   |
| Dilution :               | IHC 1:100-500, ELISA 1:5000-20000  |
| Purification :           | Recombinant Expression and Affinity purified   |
| Storage Stability :      | -15°C to -25°C/1 year(Do not lower than -25°C)   |
| 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., |

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|--|---|--|
| Subcellular<br>Location :              | Cell junction, tight junction . Cell membrane ; Multi-pass membrane protein .<br>Localizes to tight junctions in epithelial cells   |  |
| Expression :                           | Isoform A1: Expression is restricted to the lung (PubMed:19047087). Isoform   |  |
| Expression.                            | 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). |  |
| _                                      |   |  |
| Tag :                                  | recombinant   |  |
| Sort :                                 | 4087  |  |
| No4 :                                  | 1   |  |
| Host :                                 | Rabbit  |  |
| Modifications :                        | Unmodified  |  |

## **Products Images**



Immunohistochemical analysis of paraffin-embedded human Stomach. 1, Antibody was incubated at 4° overnight. 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).